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ILLINOIS NATURAL HISTORY SURVEY

DATABASE MANAGEMENT AND ANALYSIS OF FISHERIES IN
ILLINOIS LAKES

VOLUME 1

1 March 1996 - 28 February 1997

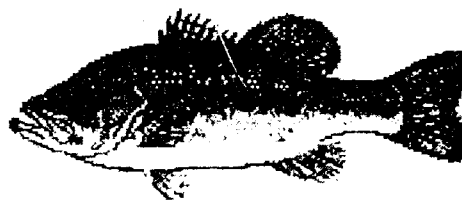
F-69-R-10
Annual Report to
Division of Fisheries
Illinois Department of Natural Resources

Center for Aquatic Ecology

Pacifico J. Perea, James F. Machung, Robert A. Illyes,
Ralf Riedel, and David P. Philipp

June 1997

Aquatic Ecology Technical Report 97/6



Illinois Natural History Survey
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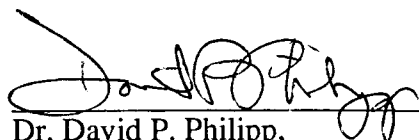
**DATA BASE MANAGEMENT AND ANALYSIS OF FISHERIES
IN ILLINOIS LAKES (F-69-R-10)**

**Annual Report, Segment 10
1 March, 1996 - 28 February, 1997**

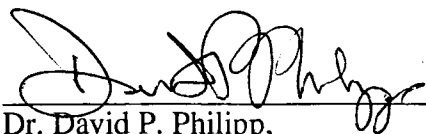
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This technical report is the annual report for Segment 10 of Project F-69-R, Database Management and Analysis of Fisheries in Illinois Lakes, which was conducted under a memorandum of understanding between the Illinois Department of Natural Resources and the Board of Trustees of the University of Illinois. The actual work was performed by the Illinois Natural History Survey, a division of the Illinois Department of Natural Resources. The project was supported through Federal Aid in Sport Fish Restoration (Dingell-Johnson) by the U.S. Fish and Wildlife Service, the Illinois Department of Natural Resources Division of Fisheries, and the Illinois Natural History Survey. The form, content, and data interpretation are the responsibility of the University of Illinois and the Illinois Natural History Survey, and not that of the Illinois Department of Natural Resources Division of Fisheries.

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Executive Summary

Since its inception in 1987, F-69-R has continued to develop and meet the needs of fishery managers as well as answer the questions brought by fisheries researchers. Segment 10 met these needs by expanding long-term fisheries related databases for the state of Illinois and improving the analysis software used by fisheries managers.

During Job 101.1 segment 10, the creel portion of F-69-R completed creels on 16 lakes. Among them were a lake assessment for the IEPA Clean Lakes Program, a park district lake (Monee Reservoir), and two creels funded by municipalities, one of which included an economic component its analyses. The creel database continues to grow; 183 surveys have been conducted by this program. Four of a core group of 11 long-term research lakes were surveyed: Jones, Pittsfield, Ramsey, and Weldon Springs Lakes. The remaining 12 lakes surveyed were Baldwin Lake, Lake Bloomington, Braidwood Lake, Lake Carroll, East Fork Lake, LaSalle Lake, Lincoln Trail Lake, McCullom Lake, Monee Reservoir, Rend Lake, Spring Lake South, and Lake Storey. The creel survey database provided information for a channel catfish stocking allocation model developed by Illinois Department of Natural Resources Division of Fisheries. Creel survey data were provided to IDNR Division of Fisheries for walleye and muskellunge stocking assessments. Following up on a previous analysis on Weldon Springs, larger lakes were analyzed to assess the cost-effectiveness of a 15% reduction in sampling evenly distributed across year periods and the potential impact on identifying long-term trends. A 15% reduction in sampling to an overall sampling ratio of 38-40% did not affect trend assessment, effort estimates, or harvest/catch estimates for warm-water or common species. Reducing sampling is not recommended if coolwater or less common species information is needed because these species appear to be undersampled at current sampling levels. Finally, an analysis of the cost-effectiveness of eliminating November sampling for nine of the 1996 lakes revealed that November accounted less than 1% of total effort and 2% of total harvest at all lakes except Baldwin Lake, the only power plant cooling lake in the dataset. Therefore, we will eliminate November sampling beginning in

1997, though November sampling of power plant cooling lakes will be evaluated on a case-by-case basis.

In Job 101.2, a PC version of the Apple II-FAS graphics was created for the FAS-LAKES and FAS-STREAMS analysis systems. An improved version of FISHTAB was released for FAS-STREAMS. A PC CREEL database structure and data entry routines were created. Work has begun on CREEL analysis programs for the PC, moving this task ahead of work on the data entry programs. The conversion to the PC platform for data entry will follow the completion of the analysis programs.

In Job 101.3, management history and historical fish population survey data on 25 state-managed lakes were verified during 1996. Data entry for fishing regulations, begun in 1995, was completed in 1996. Verification of data tables for management history, fish population surveys, and fishing regulations is ongoing. Analyses evaluating fisheries management activities in Illinois lakes were performed.

Job 101.1 Angler Surveys

Project Objective: Conduct creel surveys on selected lakes in conjunction with several creel surveys supported by the Illinois Department of Natural Resources. Special emphasis will be placed on the selection of lakes that are representative of larger sets of lakes, provide long term data series, and from which good fish population data are taken from regular samples.

Segment 10 Objectives: Conduct twelve creel surveys on selected core lakes and lakes with both management and research interests. Manage (coordinate and supervise personnel) these lakes and four creel surveys supported by IDNR. Compile and analyze creel data for interim and annual reports. Update creel results in the FAS database.

1.1 Summary of 1996 Activities

During 1996, 16 creel surveys were conducted (Figure 1.1), including four of the core group of 11 long-term creel research lakes: Jones State Lake, Pittsfield Lake, Ramsey Lake and Weldon Springs (Table 1.1). The remaining 12 surveys were conducted primarily for stock assessment and included Baldwin Lake, Lake Bloomington, Braidwood Lake, Lake Carroll, East Fork Lake, LaSalle Lake, Lincoln Trail Lake, McCullom Lake, Monee Reservoir, Rend Lake, Spring Lake South and Lake Storey. To date, 72 Illinois impoundments have been surveyed under F-69-R and related projects (Figure 1.2). In 1996, eight of the sixteen lakes (Baldwin Lake, East Fork, Jones State Lake, Lincoln Trail, Pittsfield Lake, Ramsey Lake, Rend Lake, and Weldon Springs Lake) were surveyed over the standard eight month period (mid-March through mid-November). Three lakes (Braidwood Lake, LaSalle Lake, and Spring Lake South) closed in mid-October due to the waterfowl hunting season. Three northern Illinois lakes (Lake Carroll, McCullom Lake, and Lake Storey) opened in April due to an extended cold period that kept ice on lakes until late March. The last two (Lake Bloomington and Monee Reservoir) closed early or started late due to logistical and

personnel problems. Despite these problems, the variances and the ratio of overall effort sampled for these lakes were similar to values from the other lakes surveyed in 1996.

The overall sampling effort for each survey was kept at approximately 40% of all possible work shifts, thus maintaining the precision of angler effort, harvest, and catch values first observed in 1989 and 1990. The 95% confidence range for the estimated total hours of fishing ranged between 5-16% of the total effort values (Appendix A). The 95% confidence range around the estimated total biomass of fish harvested generally fell within 11-30% of the estimate with exception of Lake Carroll, Monee Reservoir, and McCullom Lake (Appendix A). Lake Carroll, with a 95% confidence interval of 32%, and Monee Reservoir, with a 95% confidence interval of 37%, were two lakes that had sampling difficulties. Lake Carroll is a private lake in Northwest Illinois. It receives very low angling pressure and, unlike most of our creel lakes, results were based on very low numbers of angler interviews. Large swings in variability resulted from the low sample size. At Monee Reservoir, the Will County Forest Preserve District experienced personnel that caused the omission of 25% of scheduled sampling in August and 50% in September. This situation caused severe undersampling of the September year period and dropped the overall sampling ratio (37.5%) below our target of 40% of all possible shifts. The undersampling produced increased variability in our data and limits the value of single-species estimates of biomass harvested, whose 95% confidence intervals ranged between 52-218% of estimates.

McCullom Lake was created in 1996 to fulfill the requirements of a biological assessment for the IEPA Clean Lakes Program. The lake is cooperatively managed by the McHenry Park District and the IDNR Division of Fisheries and was surveyed in cooperation with the Northeastern Illinois Planning Commission. The lake was rehabilitated in 1993 to remove rough fish, re-stocked in 1994 and closed to fishing until 1996. The creel was implemented to assess the fish community population structure, calculate angling effort, and monitor the harvest on the fish community. The variability encountered at McCullom Lake, with a 95% confidence interval width of 33% of the

estimated total biomass of fish harvested, might result from variability in angler effort or fish vulnerability in this new fishery.

An access-point design was implemented at Braidwood Lake and LaSalle Lake due to limited fishing access at these lakes and past success of access point creels on these lakes. Boat access is restricted to a single ramp at LaSalle Lake and two ramps at Braidwood Lake. Shore fishing access is similarly limited. Vehicle counts were used to calculate the number of boat and shore anglers on both lakes as described by Bayley et al. (1990). Vehicles with boat trailers (to estimate boat anglers) and without boat trailers (to estimate shore angler numbers) were counted in the parking lots at times assigned to roving instantaneous counts. Angler and vehicle count data from Bayley et al. (1990) and 1995 surveys on Powerton Lake were used to produce the following predictive relationships:

$$\text{no. boat anglers} = 1.0085 + 1.6822 * \text{no. vehicles with boat trailers}, r^2 = 0.89$$

$$\text{no. shore anglers} = 2.9671 + 1.2498 * \text{no. vehicles without trailers}, r^2 = 0.79$$

These relationships were subsequently used to estimate angler effort at Braidwood Lake and LaSalle Lake.

The creel on Monee Reservoir continued in 1996 with cooperation from the Will County Forest Preserve District. The creel design and data analysis were provided by INHS creel project personnel, while the hiring of clerks, management and salary cost, generally the greatest expense, were provided by the forest preserve district. As discussed earlier, undersampling due to difficulties in maintaining reliable personnel reduced the precision and value of some data.

Lake Storey and Lake Carroll were added to the creel program at the request of their municipalities, which volunteered to take the responsibilities of hiring clerks and assume the costs of salary, equipment, and maintenance. The arrangement was very similar to the creel worked on Monee Reservoir, except that these creels were not part of a multi-year sampling program.

The Galesburg Park District officials at Lake Storey requested that an economic analysis of the fishery be included in addition to the normal creel assessment. A question was added to the normal interview process, asking anglers about any specific fishing expenses that have occurred since their last trip. The question was worded to account for gas, travel, tackle, bait and other miscellaneous expenses. The results will help the Galesburg Park District justify money spent to improve their fishery program. Preliminary results of the economic analysis are included as Section 1.4 of this report.

The creel project was involved in compiling data for the personnel of the IDNR Division of Fisheries to analyze the state programs for stocking channel catfish, walleye, and esocids. These analyses were used to evaluate the success of past stockings in developing a fishery for the species and to develop stocking priorities for lakes that show successful stock utilization by anglers.

1.2 Washington County and Lake George Re-analysis

In segment 9, we analyzed the long-term Weldon Springs data base using a random design that produced a 15% reduction in sampling effort across all year periods (Perea et al. 1996). The reduction was used to test how much sampling is necessary to detect trends in effort, harvest and catch data, at what point does sampling significantly decrease the accuracy of the data, and the cost-effectiveness of reduced sampling. Sampling reduction did not affect the precision of total effort, total catch, total harvest, and catch and harvest of most major game fish species estimate as long as the sampling did not fall below the 38% sampling threshold. It did appear to affect the results of seasonally caught fishes such as crappie and less commonly caught species such as redear sunfish. The effects of reduced sampling on the analyses of larger lakes and their fish species was tested by analyzing Washington County Lake and Lake George data.

Washington County Lake is the largest one-section lake (301 acres) with long-term creel data. It is inhabited by warm-water species such as largemouth bass and bluegill. Data from 1991 to 1994 were used to test the effects of a 15% sampling reduction.

Lake George is a moderate sized lake (157 acres) with coolwater species such as walleye and muskellunge. Lake George was chosen to determine if reduced sampling affected the results of highly seasonal or rarely caught fish.

As with the Weldon Springs analysis, sample dates from each creel were randomly eliminated without replacement for seven scenarios: six 15 % reductions labeled AAA, BBB, CCC, DDD, EEE, and FFF, and the remaining 10% of the data labeled GGG. A 15% reduction was chosen because it would produce an overall sampling ratio of less than 40% of all possible shifts, the level our earlier creels suggested was necessary to obtain reliable estimates of harvest and effort. Six analyses per year were performed by simply excluding each of the six 15% categories in turn. Washington County has been traditionally sampled at an overall rate of 44% to 48%, so the re-sampling with the 15% reduction should change the ratio to fall just at or below the 40% threshold.

Total effort and total biomass harvest estimates apparently are not significantly affected by a 15% reduction of sampling (Figure 1.3-1.4). Overall, resampling ratios for all runs were 38% and 41%. The results at these sampling ratios are consistent with the results of the Weldon Springs re-analysis.

Next, major game fish species were examined to see if the reduced sampling would affect the long-term trends and the accuracy of the species harvest estimates. Largemouth bass and bluegill total harvest showed fairly consistent trends within re-sampled runs. (Figures 1.5-1.6). The

largemouth bass and bluegill harvest estimates from the re-analyses did not differ significantly from the original values, which were located within the confidence intervals of the re-analyses at $\alpha = 0.05$. The results at these sampling ratios are also consistent with the results attained by the Weldon Springs re-analysis.

The effects of sampling reduction on the estimates of seasonal or rarely caught species such as walleye and muskellunge were analyzed for the Lake George 1994 data. Original data, with a 41% sampling ratio, were re-analyzed at a 35% sampling ratio. The results from reduced sampling did not differ significantly from the original creel results due to the extremely broad confidence intervals (65%-318%) of the original results for walleye and muskellunge. This implied that we are already undersampling for these species and reduced sampling would not be a cost-effective when estimating the harvest and catch of these fishes. Sampling ratios greater than the current 44 to 48% might be needed to obtain more precise harvest estimates for these fishes.

In summary, a 15% reduction in sampling dates that produces an overall sampling ratio of 38-40% does not appear to affect trends or precision of estimates for lakes with warm-water species or more commonly caught species. A reduced sampling schedule for some cool water systems would not be recommended because it appears that we are already undersampling these communities. The decision to use a sampling ratio in the 38-40% range should depend on past creel information on the lake, the management goals of the fisheries agency, and community composition. If the lake has a past history of consistent and fairly accurate species results, then a reduced sampling schedule may be cost-effective, saving about \$1,000 in labor, gasoline, oil and other supplies on a typical one-section lake. If the less commonly caught species or seasonal species are not of interest to the fisheries agency, then reduced sampling may again be cost-effective. Cool water species lakes already appear to be undersampled, so reduced sampling would not be cost-effective or useful to research and management goals. It

may be necessary to increase sampling (up to 50%) or use alternative methods (creel cards, mark and recapture or, electrofishing) for such stock assessments.

1.3 Examination of November Sampling

The creel surveys of F-69-R are usually conducted through mid-November. Over time, creel survey staff have observed that little angling occurs on most lakes during the November year period. Based upon these observations, we examined the value of November sampling. As a preliminary study to quantify these observations, we examined data from nine lakes, comparing the November 1996 estimates of effort, harvest, and catch to the complete 1996 creel survey estimates of these parameters.

Only nine of the 16 lakes surveyed in 1996 were sampled during November. They were Baldwin Lake, East Fork Lake, Jones Lake, Lincoln Trail Lake, Pittsfield Lake, Ramsey Lake, Rend Lake, Lake Storey, and Weldon Springs Lake. Of the seven lakes not sampled during November, Braidwood Lake, LaSalle Lake, and Spring Lake South were closed for waterfowl hunting. Lake Bloomington, McCullom Lake, and Lake Carroll were not sampled because of ice cover and weather. Monee Reservoir was not sampled because personnel were unavailable. Data for complete 1996 creel surveys are presented in Appendix A, while November data for the nine lakes are given in Appendix B.

Angler effort is minimal in November. For eight of the nine lakes analyzed, less than 1% of the total annual angling effort occurred during November 1 - 15 (Table 1.2). Baldwin Lake, the only power plant cooling lake in the dataset, had 1039 hours of effort in November, 1.5% of its 1996 total effort. The low effort estimates accurately reflect the lack of activity on the lakes. November sampling ratios (48-51%) were greater than the full year ratios (38-44%) on all lakes except Baldwin and Rend. These multisection lakes had similar November and full-year sampling ratios.

Harvest is similarly low in November. This year period accounted for less than 2% of the total pounds of fish harvested annually on each of the nine lakes (Table 1.3). Baldwin Lake had the largest percent of total harvest in November (1.7%). The other eight lakes had less than 0.6% of total harvest in November. In addition, fewer species were harvested in November than for the full 1996 creel survey (Table 1.4). Five species were harvested at Baldwin Lake in November and four at Pittsfield Lake. The other seven lakes had two or fewer species harvested in November.

Comparisons of individual species harvests are less meaningful because of the wide confidence intervals (103-887%) for these estimates in the short November year period (Table 1.3). Even so, for most species in the lakes analyzed, less than 3% of the total harvest occurred in November. Only Baldwin Lake had larger November harvests, with 8.9% of flathead catfish, 4.3% of hybrid striped bass, and 5.4% of white crappie harvests occurring in November. These November harvests for these three species are minor in light of the 1996 total harvest estimates and their respective confidence intervals, which ranged from 61-75%.

As was the case with effort and harvest, November accounted for less than 2% of the total catch on all lakes (Table 1.3). Again, Baldwin Lake had the largest percent of total catch occur in November, with 1.3% of the total pounds caught. November accounted for less than 0.7% of the total catch on all other lakes. Individual species estimates, whose importance should be based upon their confidence intervals, followed trends similar to the harvest estimates.

Less than 2% of the 1996 total effort, harvest, and catch for these nine lakes occurred in November. Eliminating sampling in this year period would have little effect on the accuracy and precision of final creel survey estimates. However, November sampling should not be eliminated on all lakes. The Baldwin Lake data demonstrate that harvest and catch of some species can be substantial during November at power plant cooling lakes. Therefore, as a cost-saving measure,

we recommend eliminating November sampling of most lakes beginning with 1997 creel surveys conducted under F-69-R-11, but will evaluate November sampling of power plant cooling lakes on a case-by-case basis. Before implementing these recommendations, we will examine November sampling on the long-term lakes data set to eliminate potential weather-related effects that can influence single-year analyses.

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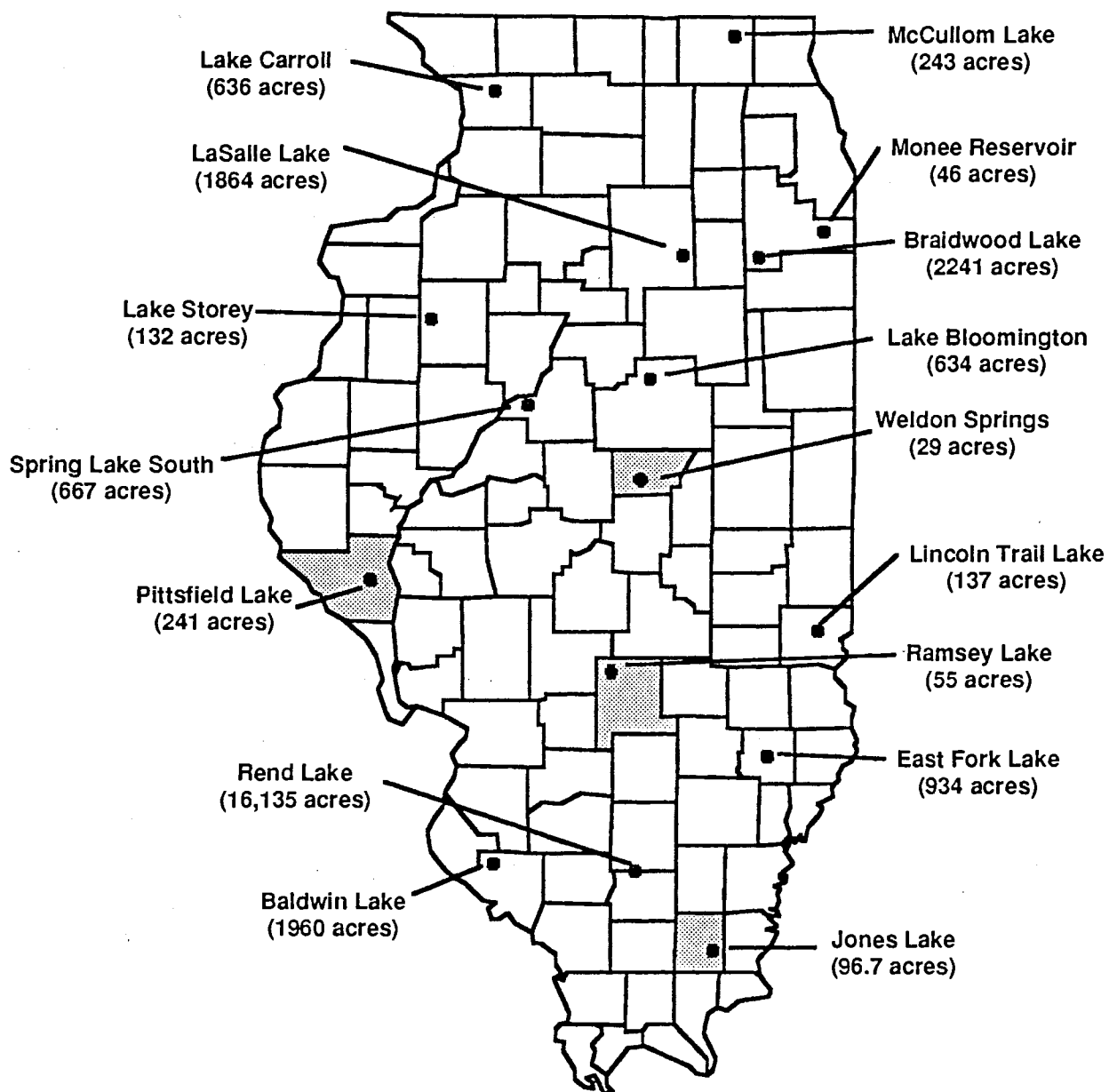


Figure 1.1. Location of lakes surveyed during 1996. Long-term research lakes are identified by shaded county backgrounds.

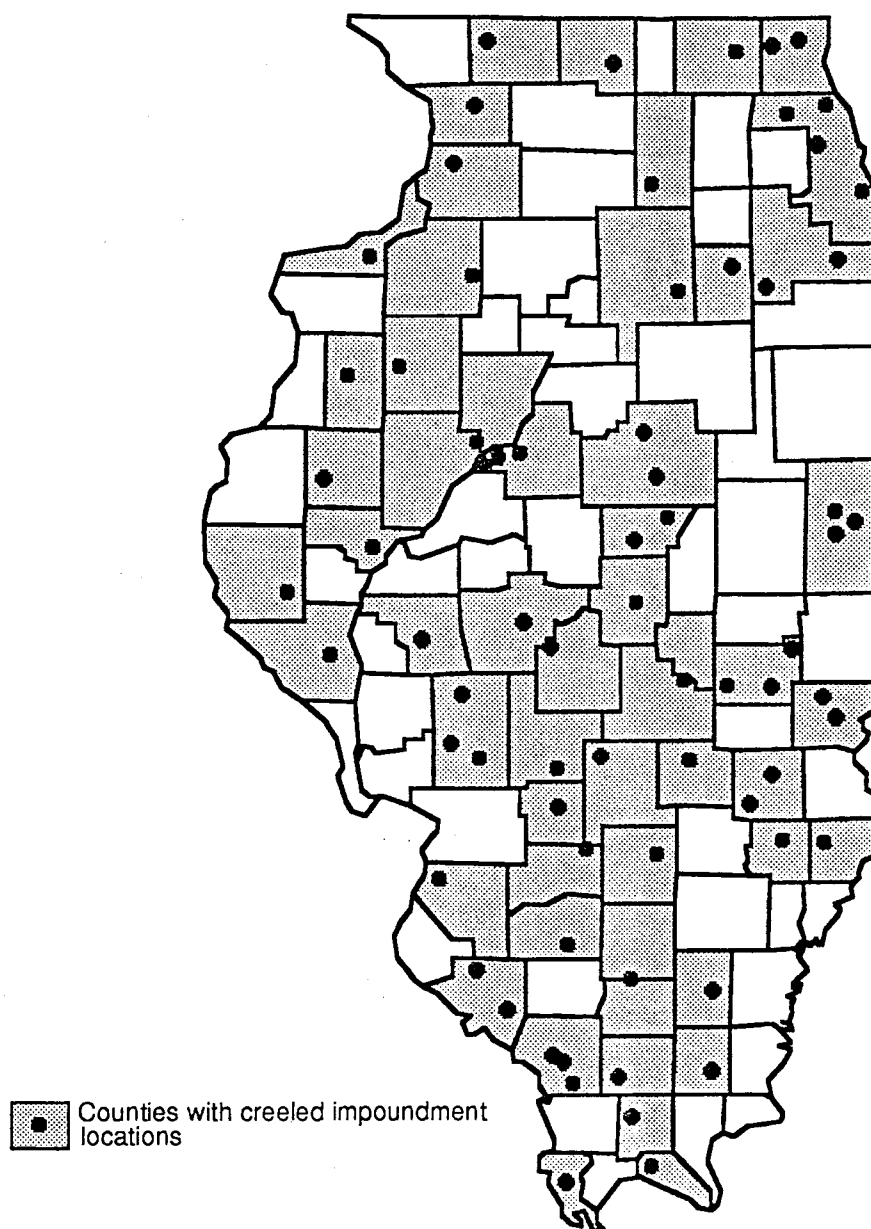


Figure 1.2 Locations of all lakes creeled between 1987 and 1996.

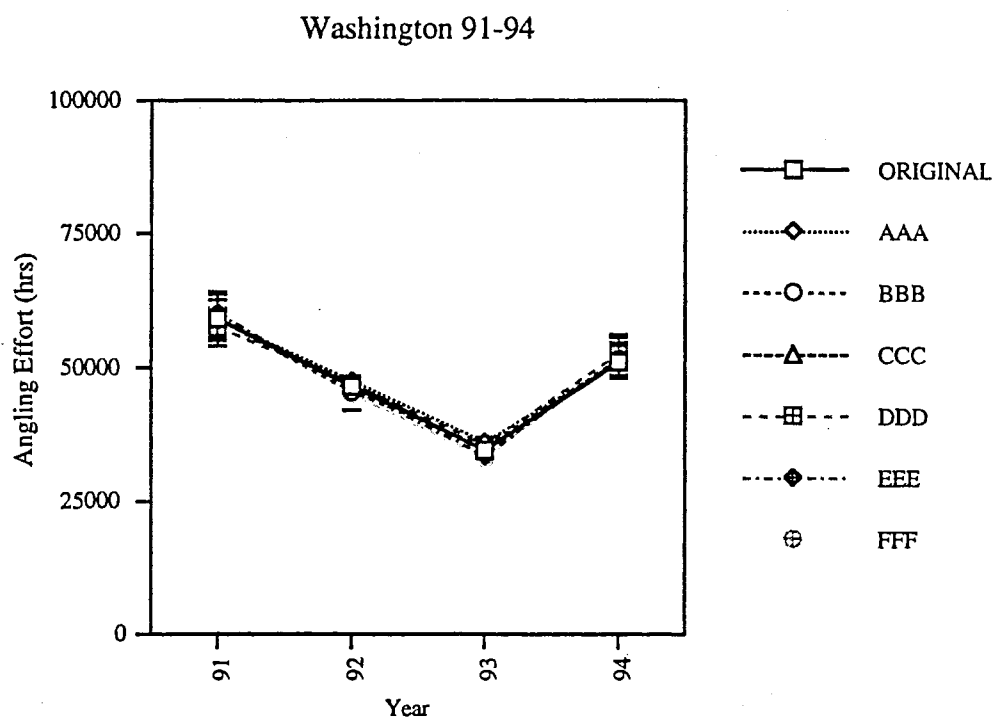


Figure 1.3. Re-analysis of angling effort for Washington County Lake during years 1991-94.

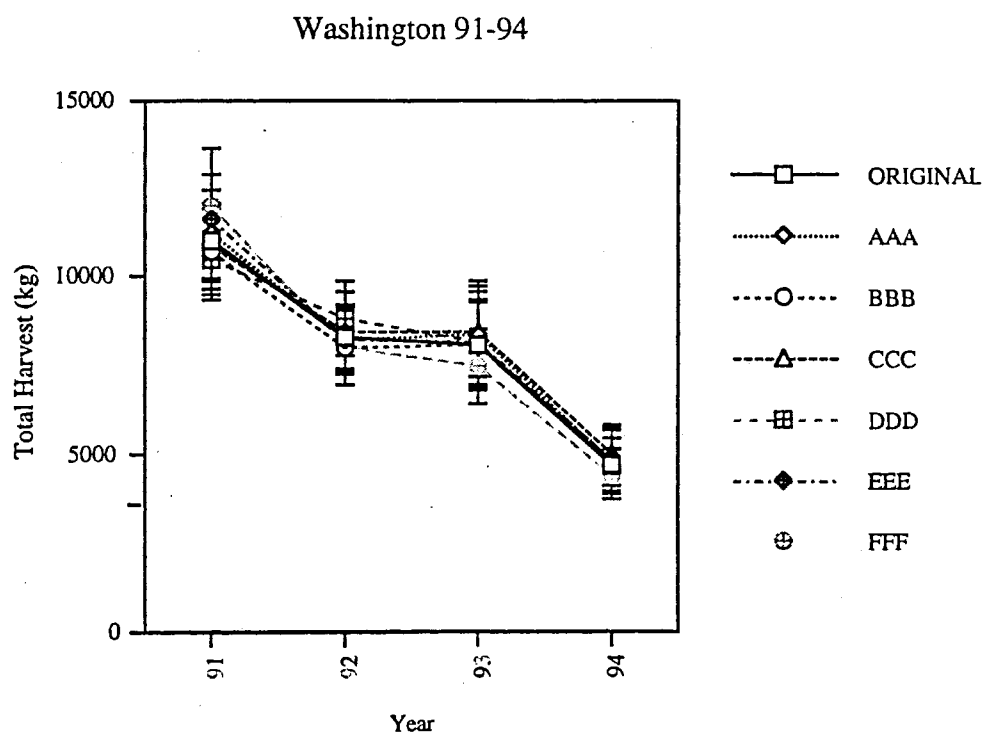


Figure 1.4. Re-analysis of total harvest for Washington County Lake during years 1991-94.

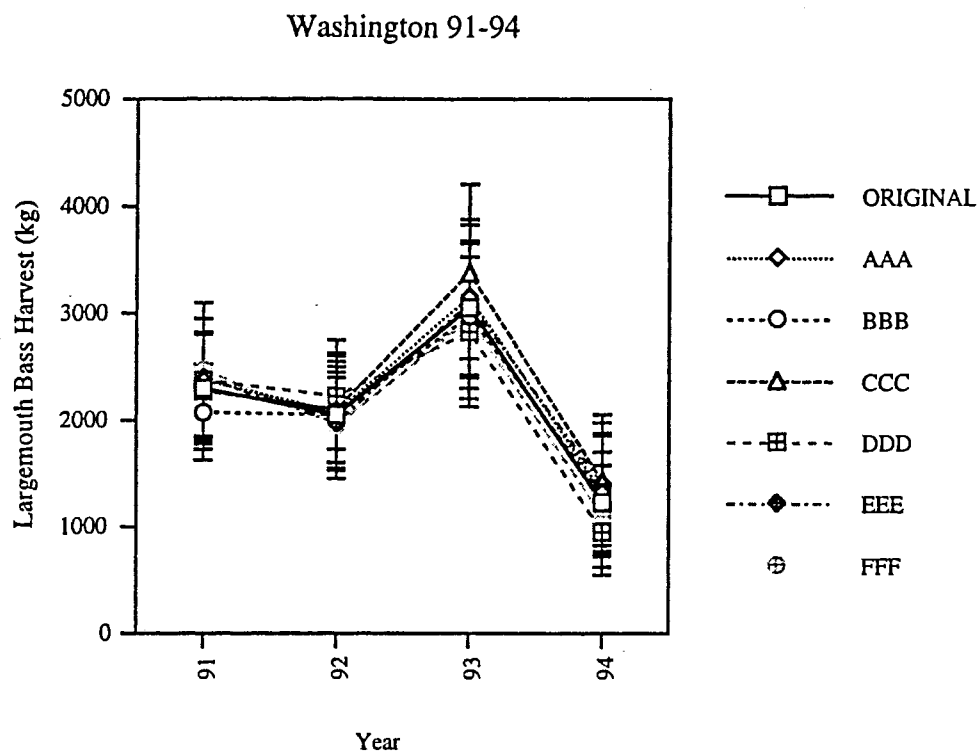


Figure 1.5. Re-analysis of largemouth bass harvest data for Washington County Lake during years 1991-94.

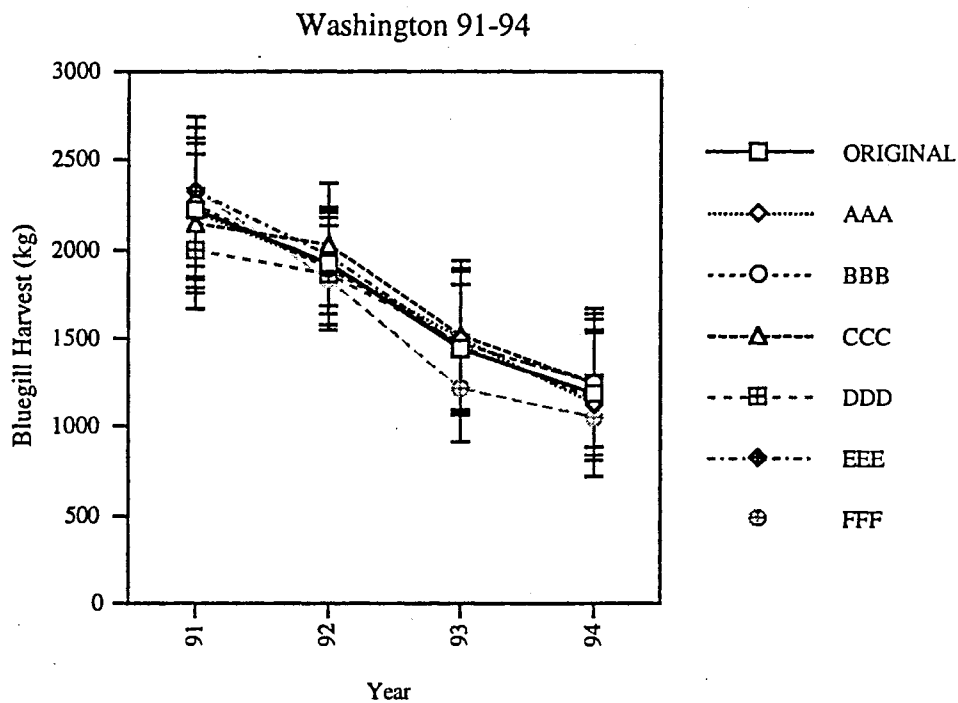


Figure 1.6. Re-analysis of bluegill harvest data for Washington County Lake during years 1991-94.

Table 1.1. Location and physical description of lakes surveyed during 1996.

Lake	County	Surface Acres	Latitude	Longitude	Mean Depth (m)	Maximum Depth (m)	Shore Length (km)
Baldwin	Randolph	1960	38°12'36"	89°52'37"	2.43	14.63	24.13
Bloomington	McLean	634	40°39'42"	88°56'04"	4.42	10.97	29.61
Braidwood	Will	2241	41°13'53"	88°12'14"	2.67	24.69	24.12
Carroll	Carroll	636	42°10'44"	89°53'37"	12.2	19.2	NA
East Fork	Richland	934	38°45'43"	88°04'34"	3.15	10.97	51.18
Jones	Saline	96	37°41'22"	88°23'06"	3.84	8.53	4.26
LaSalle	LaSalle	1864	41°15'30"	88°38'22"	4.7	21.64	33.48
Lincoln Trail	Clark	136	39°20'20"	87°43'23"	4.84	10.67	8.66
McCullom	McHenry	243	42°21'39"	88°17'25"	1.23	2.9	4.67
Monee	Will	46	41°23'19"	87°45'39"	3.05	8.53	2.57
Pittsfield	Pike	207	39°37'51"	90°44'46"	3.65	9.14	12.28
Ramsey	Fayette	53	39°09'36"	89°08'03"	2.54	6.71	4.45
Rend	Jefferson & Franklin	16,135	38°02'15"	88°57'23"	2.96	10.67	260.7
Spring Lake South	Tazewell	667	40°27'01"	89°53'40"	1.45	2.13	8.30
Storey	Knox	132	40°59'23"	90°24'28"	4.24	10.06	9.33
Weldon Springs	DeWitt	28	40°07'08"	88°55'21"	3.47	8.53	3.38

Table 1.2. Comparison of November 1996 angler effort with total 1996 angler effort for nine lakes.

Lake	November		Total		%of total
	Angler Hours	95% CI (%)	Angler hours	95% CI (%)	
Baldwin	1039	27	67479	5	1.54
East Fork	157	81	60192	10	0.26
Jones	187	33	18877	16	0.99
Lincoln Trail	19	135	15193	8	0.13
Pittsfield	76	88	26300	7	0.29
Ramsey	6	292	19598	7	0.03
Rend	1083	58	200510	5	0.54
Storey	75	79	29160	7	0.26
Weldon Springs	128	78	29759	6	0.43

Table 1.3. Comparison of November 1996 and total 1996 harvest and catch estimates for nine lakes. * denotes undefined confidence intervals.

Lake	Species	Harvest				Catch			
		November		Total		November		Total	
		(LBS.)	95% CI(%)	(LBS.)	95% CI (%)	(LBS.)	95% CI(%)	(LBS.)	95% CI (%)
									Nov. as % of total
Baldwin	BLC	25	103	1554	21	47	165	2081	21
	CCF	27	408	2563	18	47	110	4710	14
	FCF	18	164	198	75	18	164	273	61
	LMB	0	*	399	48	261	66	24328	12
	SBH	25	375	597	56	92	145	2294	36
	WHC	3	127	51	61	3	127	93	42
	TOT	99	80	5819	14	475	46	35955	9
East Fork	BLC	3	238	397	71	3	238	726	69
	LMB	0	*	850	50	17	232	12506	31
	WHC	33	887	1713	35	42	718	2274	30
	TOT	36	841	7828	22	63	397	22506	25
Jones	BLC	8	205	314	26	11	119	341	24
	LMB	1	257	209	36	22	157	2134	16
	TOT	10	166	2980	16	34	96	5296	12
Lincoln Trail	TOT	0	*	1638	15	0	*	3752	12
Pittsfield	BLC	2	170	370	27	2	170	385	28
	CCF	2	430	374	47	2	430	406	44
	LMB	2	*	177	41	2	376	1723	19
	SBH	0	*	51	131	4	304	157	46
	WHC	12	257	2086	15	14	163	2717	14
	TOT	26	122	4674	14	33	109	7348	10
Ramsey	BLC	2	318	387	26	2	326	522	24
	TOT	2	318	2047	14	3	308	5165	13
									0.05
Rend	LMB	0	*	1373	50	45	232	19834	15
	WHB	0	*	1905	120	58	278	2574	96
	WHC	102	122	19039	23	183	129	25771	20
	TOT	102	122	30501	20	286	108	58310	12
Storey	BLC	3	257	911	42	3	257	1353	32
	TOT	3	257	2928	29	3	257	6119	18
									0.04
Weldon	BLC	3	175	167	30	3	154	261	27
	LMB	0	*	118	49	3	430	1528	23
	TOT	3	175	1337	13	6	261	4074	11
									0.16

Table 1.4. Number of species harvested and released at nine lakes during November 1996 and during the complete 1996 creel survey. The full survey was conducted from March 15 through November 15, 1996.

Lake	Number of Species Recorded			
	Harvest		Catch	
	November	Full Survey	November	Full Survey
Baldwin	5	15	6	18
East Fork	2	12	3	13
Jones	2	7	2	7
Lincoln Trail	0	6	0	6
Pittsfield	3	13	4	13
Ramsey	1	7	1	8
Rend	1	14	3	18
Storey	1	13	1	13
Weldon Springs	1	11	2	14

1.4 Economic Contributions of Lake Storey Fisheries

1.4.1 Introduction

At the request of the Galesburg Park District, an economic study of the anglers at Lake Storey was run concurrently with the creel survey conducted by the Illinois Department of Natural Resources/Illinois Natural History Survey Center for Aquatic Ecology. This analysis covers information collected between April 9, 1996 and November 15, 1996.

1.4.2 Methods

Boat and shore anglers were interviewed and information that was collected included trip length, species sought, numbers and sizes of harvested and released fish, mileage traveled, fishing success rating, and dollars spent on fishing between trips. On the economic question, anglers were asked to quantify all money spent between their last fishing trip and the fishing trip when the interview occurred. Anglers were asked to only quantify fishing costs such as food, lodging, travel, boat rental, bait, fuel, lures, fishing equipment, boats, motors, and other fishing related expenses¹.

Data used for economic analysis were taken from all interviews in which anglers successfully answered the trip cost and distance traveled questions. Suspect or incomplete answers were omitted from analysis. For example one interview with a trip cost of over \$30,000 was omitted. Several interviews in which a \$0.00 trip cost was reported, but 10 miles or more were reported traveled were omitted because gas or travel costs were not reported by angler. Both the extremes of fishing trips are possible, but in the case of the \$30,000 angler, the money was probably not spent specifically to fish at Lake Storey, or the angler was intentionally quoting a figure as a joke or to throw off the survey. In the case of the \$0.00 fishing trip, this scenario is possible, if the person is a local angler who walks or bicycles to the lake and fishes without having to spend money for new bait, tackle, or other associated costs.

Trip length, total hours fished, and numbers of fishing trips data were obtained from creel survey data collected from *The Lake Storey 1996 Day Creel Final Report* (Perea and Machung 1997) analyzed by the biologists at the Illinois Natural History Survey. Average

¹ guide fees, use fees, rental, launching fees, maintenance, rods, reels, nets, electronic devices, camping equipment, special clothing, boots, waders, campers, ...etc.

costs per angling trip reported were estimated in two ways. One estimate was based upon data from *The 1991 National Survey of Fishing, Hunting, and Wildlife Associated Recreation* (USFWS 1993) The other estimate was based upon data collected during the 1996 creel survey on Lake Storey.

1.4.3 Results

Average Expenditures

According to a the most recent national survey on fishing (USFWS 1993), Illinois anglers spent an average of \$32.00 per fishing trip per angler. These data represent the average money spent per day fishing on all waters in Illinois except Lake Michigan. The breakdown of expenditures can be found in Table 1.5 and account for expenses such as food, lodging, transportation and other fishing related expenses.

According to the data collected by our creel program, the average Lake Storey angler spent \$19.42 per fishing trip . The observed average cost of \$19.42 could be lower than the USFWS Illinois Average because Lake Storey (136 acres) is a moderate to small lake while the USFWS Illinois average includes lakes from Carlyle Lake (24,580 acres) down to the smallest farm pond. Using the same ratios of expenditures taken from the USFWS/Illinois average, the breakdown of expenditures for Lake Storey anglers based on our data is in Table 1.6.

Table 1.5. Average daily fishing trip expenditures for anglers in Illinois (USFWS 1993).

Category	Expenditure (Excluding Lake Michigan)
Food and Lodging	\$8.18
Transportation	\$4.87
Other Trip Costs ²	\$5.22
Fishing Equipment ³	\$5.28
Auxiliary Equipment ⁴	\$1.05
Special Equipment ⁵	\$7.40
Total	\$32.00

²Includes: guide fees, use fees, equipment rental, bait, boat fuel, and launching, mooring or maintenance fees.

³Includes: rods, reels, hooks, lures, electronic devices, nets, etc.

⁴Includes: camping equipment, special clothing, boots, waders, etc.

⁵Includes: boats, motors, campers, cabins, etc.

Table 1.6. Average daily fishing trip expenditures by Lake Storey anglers.

Category	Lake Storey Trip Expenditures
Food and Lodging	\$4.96
Transportation	\$2.96
Other Trip Costs ²	\$3.17
Fishing Equipment ³	\$3.20
Auxiliary Equipment ⁴	\$0.64
Special Equipment ⁵	\$4.49
Total	\$19.42

²Includes: guide fees, use fees, equipment rental, bait, boat fuel, and launching, mooring or maintenance fees.

³Includes: rods, reels, hooks, lures, electronic devices, nets, etc.

⁴Includes: camping equipment, special clothing, boots, waders, etc.

⁵Includes: boats, motors, campers, cabins, etc.

Totals Expenditures for Lake Storey Fishing Trips

According to data collected by the IDNR/INHS creel survey on Lake Storey (Perea and Machung 1997) between April 9 1996 and November 15 1996, Lake Storey anglers fished an estimated **29,160 hours** and fished an average of **3.3 hours per trip**. An estimated **8,836 trips** were made during this time. Total trips were estimated by using the equation:

$$\text{Total Trips} = \frac{\text{Total Hours Fished}}{\text{Average Hours/Trip}}$$

Using the 8836 trips estimate, total expenditure breakdowns for fishing at Lake Storey can be calculated based on the USFWS/Illinois and the IDNR/INHS Lake Storey averages (Tables 1.7 and 1.8).

Total costs were estimated by using the equations:

$$\text{Total Costs USFWS} = 8,836 \text{ trips} * \$32.00/\text{trip}$$

$$\text{Total Costs INHS} = 8,836 \text{ trips} * \$19.42/\text{trip}.$$

Total costs were further broken down into expenditure categories based on the following percentages (after USFWS 1993):

Food and Lodging	26%
Transportation	15%
Other Trip Costs ²	16%
Fishing Equipment ³	17%
Auxiliary Equipment ⁴	3%
Special Equipment ⁵	23%

²Includes: guide fees, use fees, equipment rental, bait, boat fuel, and launching, mooring or maintenance fees.

³Includes: rods, reels, hooks, lures, electronic devices, nets, etc.

⁴Includes: camping equipment, special clothing, boots, waders, etc.

⁵Includes: boats, motors, campers, cabins, etc.

Table 1.7. Total Lake Storey angler expenditures based on 1991 USFWS/Illinois average.

Category	Expenditure
Food and Lodging	\$72,278.48
Transportation	\$43,031.32
Other Trip Costs ²	\$46,123.92
Fishing Equipment ³	\$46,654.08
Auxiliary Equipment ⁴	\$9,277.80
Special Equipment ⁵	\$65,386.40
Total	\$282,752.00

²Includes: guide fees, use fees, equipment rental, bait, boat fuel, and launching, mooring or maintenance fees.

³Includes: rods, reels, hooks, lures, electronic devices, nets, etc.

⁴Includes: camping equipment, special clothing, boots, waders, etc.

⁵Includes: boats, motors, campers, cabins, etc.

Table 1.8. Total Lake Storey anglers expenditures based on 1996 Lake Storey Creel Survey Final Report. (Perea and Machung 1996)

Category	Expenditure
Food and Lodging	\$43,874.53
Transportation	\$26,120.90
Other Trip Costs ²	\$27,998.17
Fishing Equipment ³	\$28,319.99
Auxiliary Equipment ⁴	\$5,631.82
Special Equipment ⁵	\$39,690.89
Total	\$171,636.29

²Includes: guide fees, use fees, equipment rental, bait, boat fuel, and launching, mooring or maintenance fees.

³Includes: rods, reels, hooks, lures, electronic devices, nets, etc.

⁴Includes: camping equipment, special clothing, boots, waders, etc.

⁵Includes: boats, motors, campers, cabins, etc.

Contributions of local versus out-of-town anglers

Economic analysis also involved determining the contribution of local versus out-of-town anglers in the survey. Assuming that the data culled from the survey are representative of the general angling public, the average distance traveled by all anglers was about 20 miles.

Anglers who traveled less than 20 miles were considered **local anglers** and anglers who traveled more than 20 miles were considered as **out-of-town anglers**. Of the 1247 anglers who answered the economic questions and distance traveled question completely, 788 (63%) were **local anglers** and 459 (37%) were **out-of-town anglers** (Figure 1.7).

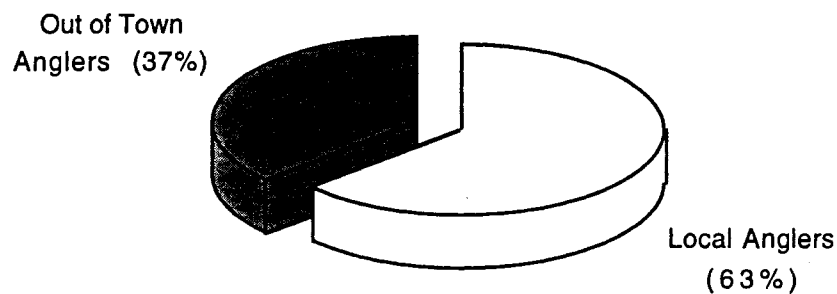


Figure 1.7. Percentages of local vs. out-of-town anglers.

Based on the information collected in the 1996 Lake Storey creel survey, we find that the average trip cost for all Lake Storey anglers is \$19.42. Using only the data from anglers traveling less than 20 miles, we find that local anglers spent an average of \$11.94 per trip. Using only the data from anglers traveling greater than 20 miles, we find that out-of-town anglers spent an average of \$32.28 per trip. Intuitively, this make sense. Local anglers spend less because they travel shorter distances and are less likely to need hotel accommodations and restaurant food. Out-of-town anglers must spend more money to travel to the lake and are more likely to eat at restaurants and need overnight accommodations. Table 1.9 lists the total trips and expenditures of local and out-of-town anglers. While out -of-town anglers made 37% of total trips, they account for 61% of total expenditures.

The total expenditures of local and out-of-town anglers can be divided into categories using the percentages mentioned earlier. (USFWS 1993). These categorized expenses are in Table 1.10.

Table 1.9. Comparison of local and out-of-town angler trips and expenditures.

Angler Type	% of Total Trips	Number of Trips	Average Spent/Trip	Total Spent	% of Total Expenditures
Local	63	5584	\$11.94	\$66,663.62	39
Out-of-town	37	3252	\$32.28	\$104,972.67	61
Total	100	8836	\$19.42	\$171,636.29	100

Table 1.10. Local and out-of-town anglers expenditures by category.

Expenditure Category	Local	Out-of-town	Total
Food and Lodging	\$17,040.89	\$26,833.64	\$43,874.53
Transportation	\$10,145.37	\$15,975.53	\$26,120.90
Other Trip Costs	\$10,874.50	\$17,123.67	\$27,998.17
Fishing Equipment	\$10,999.50	\$17,320.49	\$28,319.99
Auxiliary Equipment	\$2,187.40	\$3,444.42	\$5,631.82
Special Equipment	\$15,415.96	\$24,274.93	\$39,690.89
Total	\$66,663.62	\$104,972.67	\$171,636.29

1.4.4 Discussion

According to our estimates out-of-town anglers made up about 1/3 of the total trips, but spent almost 2/3 of money spent to fish Lake Storey. Anglers at Lake Storey spent an estimated \$44,000 on food and lodging and \$26,000 on transportation. Out-of-town anglers spent an estimated \$26,800 on food and lodging and \$16,000 on transportation. Based on our observation the out-of-town angler's expenditures may be a slight underestimate. The actual figures are likely to be higher due to the averaging of expenses used in determining the USFWS ratio of expenditures. Their methods do not differentiate between local and out-of-town anglers. Our data confirms that out-of-town anglers spend more on average than local anglers. Therefore, it is more accurate to estimate that out-of-town anglers account for greater than 66% of the total spent.

Our estimate of \$172,000 spent versus the USFWS estimate of \$273,000 reflects the fact that Lake Storey is a medium to small lake in size, whereas the USFWS estimate reflects the average of all Illinois lakes from the largest reservoir to the smallest pond. Another factor is that our estimate is based on data collected from April 9 to November 15 no data was analyzed between November 16 and April 8. Fishing pressure is lighter during that

period, but some ice fishing could occur. Therefore, our estimate is probably a slight underestimate of the actual figure. The USFWS estimate is most likely an example of the uppermost range of expenditures that could occur at Lake Storey. It would be better to report the total costs as a range rather than a specific figure, so that Lake Storey anglers spent somewhere between \$172,000 and \$273,000.

1.4.5 Conclusion

In conclusion, out-of-town anglers can bring in a significant amount of money to the local economy. They spent nearly twice as much as local anglers at Lake Storey, but accounted for only 1/3 of the total anglers. While the USFWS's estimate of represents the average Illinois lake; regional, demographic, and physical factors such as length of fishing season, local and out-of-town angler contributions, and lake size can influence the precision of the estimate.

Job 101.2 Fisheries Database Enhancements

Objective: Support the Fisheries Analysis System (FAS), including the streams database and associated applications.

A full-featured PC version of the Apple II FAS graphics was created for both FAS-STREAMS and FAS-LAKES. In the case of FAS-STREAMS, this required a new generation procedure to bring the graphics transfer file format into conformance with that of FAS-LAKES. A short and a long help utility was added to FAS graphics. Graphics drivers in Postscript and Hewlett Packard Printer Control Language were added.

A data decompression program for the Unix workstations was developed, tested, and delivered for transferring historical Apple IIe data to other computer platforms.

A substantially improved version of FISHTAB for FAS-STREAMS was released, including the new multi-page viewer/printer option. This new version was later modified so that it would work with both FAS-LAKES and FAS-STREAMS data. A simple selector was added to the FAS-STREAMS data entry program (not yet as full-featured as the FAS-LAKES selector) to assist in conveniently generating FISHTAB and FAS graphics transfer files.

A PC CREEL database structure was created and verified by entering a test database. Work has started on the full suite of CREEL analysis programs for the PC. The order of completion of the analysis programs has been moved earlier relative to the database generation/entry programs because the decision to convert to the PC for data entry cannot be made until a reasonably complete analysis suite is in hand.

Job 101.3 Historical Database Development and Lake Documentation

Objective: Evaluate and select existing historical management data and input these data from approximately 20 lakes into FAS. Evaluate and select remaining historical fish population data and input into FAS. Analyze effectiveness of past management actions and environmental changes on largemouth bass populations.

3.1. DATA VERIFICATION

Fish length-frequency observations, effort records, sampling procedure data, and data on management history information were verified during 1996 for 25 lakes (Table 1.5). There are approximately 35 lakes in the database, which comprise about 80% of the available data. All lakes verified during 1996 were among the lakes with the most complete information available.

Data on site specific and statewide fishing regulations were completed and verification started in 1996. Site specific data are available from 1984 through 1996. Data from 1993 through 1996 were verified during 1996. Approximately half of the verification job was completed in 1996.

3.2. STOCKING DATA UPDATE

Stocking data collected from district managers were verified during 1996 for the lakes listed in Table 3.1. A separate database was appended to the main stocking database for the FAS. Prior to appending, duplicated records (those present in both databases) were located and erased. A final stocking database will incorporate data on all stocking of Illinois lakes (stocking by IDNR managers and all other parties).

3.3. DATA ANALYSES

Concluding analyses on the relative effects of anthropogenic and environmental factors in determining fish population fluctuations started in 1996 and are ongoing. Spring precipitation, snowdepth (a surrogate for winterkill), and summer temperature (a surrogate for summerkill) is being treated as environmental predictors. Stocking, lake rehabilitation, water level manipulation, aquatic vegetation control, fishing regulations, and fish removal are the anthropogenic factors being considered. Catch-per-effort of one-year old largemouth bass is the dependent variable being used in all analyses. A Before-After-Control-Intervention design (Underwood 1991, 1994) is being used as the analytical approach in evaluating the effects of the predictors on year to year fluctuations in largemouth bass. Years without treatments (environmental factors or management practices) will be compared to years with treatment in analyses. Computer programs for data handling, output formatting, and data analyses were coded and tested in 1996. A detailed description of all management practices and environmental conditions in record for each lake was started. This description is currently being used to define treatment and control years for lakes in the analyses for this project.

References

- Underwood, A. J. 1991. Beyond BACI: experimental design for detecting human environmental impacts on temporal variations in natural populations. *Australian Journal of Marine and Freshwater Research*. 42:569-587.
- Underwood, A. J. 1994. On Beyond BACI: sampling designs that might reliably detect environmental disturbances. *Ecological Applications* 4:3-15.

Table 3.1. Lakes with fish population survey and management history data verified during 1996.

Lake	County	Surface Acres
ANDERSON LAKE	Fulton	1132
APPLE CANYON LAKE	Galena	480
ARGYLE LAKE	McDonough	92.7
AUGUSTA LAKE	Hancock	26.1
BALDWIN LAKE	Randolph	1960
CARLYLE LAKE	Clinton, Fayette & Bond	22,202
CARTHAGE LAKE	Hancock	43.6
COFFEEN LAKE	Montgomery	1070.4
DAWSON LAKE	McLean	147.9
DEFIANCE LAKE	McHenry	45.5
DOLAN STATE LAKE	Hamilton	70
FORBES LAKE	Marion	542.1
FERNE CLYFFE	Johnson	14.8
GLADSTONE LAKE	Henderson	27
HOMER LAKE	Champaign	80.8
HORSESHOE LAKE	Alexander	1890
HORTON LAKE	Hancock	10.2
LAKE CARLTON	Whiteside	69.8
LAKE GALENA	Jo Davies	227
LAKE JACKSONVILLE	Morgan	442
LAKE LE-AQUA-NA	Stephenson	41.5
LAKE MURPHYSBORO	Jackson	139.5
LAKE SHELBYVILLE	Shelby & Moultrie	10,191
LAKE STOREY	Knox	132
RAMSEY LAKE	Fayette	53.6

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=4 LAKE :=BALDWIN LAKE
 DISTRICT :=21 YEAR :=96
 ACREAGE :1960 SAMPLING RATIO :=22/45 = 48.8%
 NUMBER OF INTERVIEWS:71

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD
BOAT FISHING:					
WEEKDAY	354	0-840 (137%)		0-.42881 (137%)	12.43
WKND/HOL	272	191-353 (30%)		-.18023 (30%)	30.38
STR TOTAL	626	282-970 (55%)		-.49474 (55%)	20.23
SHORE FISHING:					
WEEKDAY	200	57-343 (72%)		-.17500 (72%)	12.58
WKND/HOL	213	163-263 (23%)		-.13401 (23%)	37.12
STR TOTAL	413	268-558 (35%)		-.28492 (35%)	25.24
BOAT/SHORE COALESCED:					
WEEKDAY	553	208-898 (62%)		-.45819 (62%)	12.50
WKND/HOL	484	409-559 (15%)		-.28496 (15%)	33.41
STR TOTAL	1037	692-1382 (33%)		-.70496 (33%)	22.26
BOAT/SHORE STRATIFIED:					
WEEKDAY	554	268-840 (52%)		-.42832 (52%)	12.48
WKND/HOL	485	406-564 (16%)		-.28799 (16%)	33.34
STR TOTAL	1039	757-1321 (27%)		-.67398 (27%)	22.22

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=4 LAKE :=BALDWIN LAKE
 DISTRICT :=21 YEAR :=96
 ACREAGE :1960 SAMPLING RATIO :=44/90 = 48.8%
 RATIO OF EFFORT HOURS INTERVIEWED := 230.8/1041.7 = 22.16%
 NUMBER OF INTERVIEWS: 71

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

FCF THS FRD GZS

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVST	95% CI	#/HA	#/ACRE
BLC		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLG	.385	.150-.621 (61 %)	231	+ -465 (101 %)	.29	.12
CCF	.063	+ -.242 (283 %)	141	+ -397 (182 %)	.18	.07
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB		*** NOT RECORDED ***		*** NOT RECORDED ***		
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
SBH	.035	+ -.116 (231 %)	15	+ -68 (345 %)	.02	.00
WHB		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.005	+ -.069 (127 %)	7	+ -100 (127 %)	.00	.00
MSC	.027	+ -.096 (250 %)	34	+ -107 (215 %)	.04	.02
TOT	.516	.273-.759 (47 %)	429	115-743 (73 %)	.54	.22

SPEC	KG/HR	95% CI	KG HARVST	95% CI	KG/HA	AVG WT(G)
BLC		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLG	.041	.013-.068 (67 %)	25	+ -51 (103 %)	.031	107.4
CCF	.012	+ -.061 (394 %)	27	+ -139 (408 %)	.034	193.5
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB		*** NOT RECORDED ***		*** NOT RECORDED ***		
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
SBH	.054	+ -.215 (295 %)	25	+ -121 (375 %)	.032	1649.3
WHB		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.002	+ -.026 (127 %)	3	+ -38 (127 %)	.004	382.0
MSC	.007	+ -.017 (147 %)	18	+ -48 (157 %)	.023	544.1
TOT	.116	+ -.258 (122 %)	99	20-178 (80 %)	.124	230.2

SPEC	LB/HR	95% CI	LB HARVST	95% CI	LB/ACRE	AVG WT(LB)
BLC		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLG	.090	.030-.150 (67 %)	55	+ -111 (103 %)	.028	.2368
CCF	.027	+ -.134 (394 %)	60	+ -305 (408 %)	.031	.4265
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB		*** NOT RECORDED ***		*** NOT RECORDED ***		
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
SBH	.120	+ -.473 (295 %)	56	+ -266 (375 %)	.029	3.6360
WHB		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.004	+ -.058 (127 %)	6	+ -84 (127 %)	.003	.8421
MSC	.015	+ -.037 (147 %)	41	+ -105 (157 %)	.021	1.1996
TOT	.256	+ -.568 (122 %)	218	43-392 (80 %)	.111	.5076

HARVESTED AND CPUE TABLE

*** DAY ***

REGION :=4

LAKE :=BALDWIN LAKE

DISTRICT :=21

YEAR :=96

ACREAGE :1960

SAMPLING RATIO :=44/90 = 48.8%

RATIO OF EFFORT HOURS INTERVIEWED := 230.9/1041.7 = 22.16%

NUMBER OF INTERVIEWS: 71

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

LMB SBH CCF BLG THS GZS WHC

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
FCF	.002	+-.006 (165 %)	7	+-.19 (165 %)	.00	.00
FRD	*** NOT RECORDED ***					
MSC	.514	.271-.756 (47 %)	422	115-729 (73 %)	.53	.22
TOT	.516	.273-.759 (47 %)	429	115-743 (73 %)	.54	.22

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
FCF	.006	+-.016 (164 %)	18	+-.47 (164 %)	.023	2561.9
FRD	*** NOT RECORDED ***					
MSC	.110	+-.252 (129 %)	81	2-160 (98 %)	.102	191.7
TOT	.116	+-.258 (122 %)	99	20-178 (80 %)	.124	230.2

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
FCF	.014	+-.036 (164 %)	39	+-.104 (164 %)	.020	5.6480
FRD	*** NOT RECORDED ***					
MSC	.242	+-.556 (129 %)	178	4-352 (98 %)	.091	.4226
TOT	.256	+-.568 (122 %)	218	43-392 (80 %)	.111	.5076

CAUGHT AND CPUE TABLE *** DAY ***
 REGION : 4 LAKE : BALDWIN LAKE
 DISTRICT : 21 YEAR : 96
 ACREAGE : 1960 SAMPLING RATIO : 44/90 = 48.8%
 RATIO OF EFFORT HOURS INTERVIEWED : 230.8/1041.7 = 22.16%
 NUMBER OF INTERVIEWS: 71

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:
 FCF THS FRD GZS
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLC		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLG	.920	+5.908 (542 %)	630	+1591 (153 %)	.79	.32
CCF	.391	+2.770 (607 %)	507	+1028 (103 %)	.64	.26
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.370	.159-.581 (57 %)	443	178-709 (60 %)	.56	.23
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
SBH	.221	+5.539 (144 %)	114	-229 (100 %)	.14	.06
WHB		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.005	+0.069 (127 %)	7	+100 (127 %)	.00	.00
MSC	.407	+5.213 (118 %)	531	+7506 (119 %)	.73	.30
TOT	2.314	+5.302 (129 %)	2283	+6401 (180 %)	2.88	1.17

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLC		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLG	.075	+0.460 (513 %)	47	+124 (165 %)	.059	74.0
CCF	.024	+0.049 (103 %)	47	+98 (110 %)	.059	92.2
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.170	.071-.269 (58 %)	261	89-433 (66 %)	.329	588.2
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
SBH	.147	+0.655 (345 %)	92	+225 (145 %)	.116	803.3
WHB		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.002	+0.026 (127 %)	3	+38 (127 %)	.004	382.0
MSC	.012	+0.038 (228 %)	26	+61 (136 %)	.033	44.4
TOT	.430	.180-.681 (58 %)	475	259-691 (46 %)	.598	207.9

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLC		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLG	.165	+1.014 (513 %)	103	+273 (165 %)	.052	.1632
CCF	.053	+0.108 (103 %)	103	+217 (110 %)	.053	.2032
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.375	.157-.594 (58 %)	575	195-954 (66 %)	.293	1.2967
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
SBH	.325	+1.445 (345 %)	202	+496 (145 %)	.103	1.7710
WHB		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.004	+0.058 (127 %)	6	+84 (127 %)	.003	.8421
MSC	.026	+0.085 (228 %)	57	+134 (136 %)	.029	.0979
TOT	.949	.398-1.500 (58 %)	1046	570-1523 (46 %)	.534	.4583

CAUGHT AND CPUE TABLE

*** DAY ***

REGION :=4

LAKE :=BALDWIN LAKE

DISTRICT :=21

YEAR :=96

ACREAGE :1960

SAMPLING RATIO :=44/90 = 48.8%

RATIO OF EFFORT HOURS INTERVIEWED := 230.8/1041.7 = 22.16%

NUMBER OF INTERVIEWS: 71

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

LMB SBH CCF BLG THS GZS WHC

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
FCF	.002	+-.006 (165 %)	7	+-.19 (165 %)	.00	.00
FRD	.000	(0 %)	2	(0 %)	.00	.00
MSC	2.311	+-.5.305 (130 %)	2274	+-.6459 (184 %)	2.87	1.16
TOT	2.314	+-.5.302 (129 %)	2283	+-.6401 (180 %)	2.88	1.17

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
FCF	.006	+-.016 (164 %)	18	+-.47 (164 %)	.023	2561.9
FRD	.000	(0 %)		(0 %)	.000	181.6
MSC	.424	.168-.680 (60 %)	456	259-654 (43 %)	.575	200.7
TOT	.430	.180-.681 (58 %)	475	259-691 (46 %)	.598	207.9

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
FCF	.014	+-.036 (164 %)	39	+-.104 (164 %)	.020	5.6480
FRD	.000	(0 %)		(0 %)	.000	.4004
MSC	.935	.370-1.500 (60 %)	1006	571-1441 (43 %)	.513	.4424
TOT	.949	.398-1.500 (58 %)	1046	570-1523 (46 %)	.534	.4583

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=5 LAKE :=EAST FORK LAKE
 DISTRICT :=23 YEAR :=96
 ACREAGE :934 SAMPLING RATIO :=31/90 = 34.4%
 NUMBER OF INTERVIEWS:17

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 2

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD
BOAT FISHING:					
WEEKDAY	73	0-171 (134%)		0-.18305 (134%)	36.51
WKND/HOL	84	0-212 (152%)		0-.22698 (152%)	40.04
STR TOTAL	157	30-284 (81%)		-.30411 (81%)	38.39
SHORE FISHING:					
WEEKDAY	0	(0%)	0	(0%)	
WKND/HOL	0	(0%)	0	(0%)	
STR TOTAL	0	(0%)	0	(0%)	0
BOAT/SHORE COALESCED:					
WEEKDAY	73	0-171 (134%)		0-.18305 (134%)	36.51
WKND/HOL	84	0-212 (152%)		0-.22698 (152%)	40.04
STR TOTAL	157	30-284 (81%)		-.30411 (81%)	38.39
BOAT/SHORE STRATIFIED:					
WEEKDAY	73	0-171 (134%)		0-.18305 (134%)	36.51
WKND/HOL	84	0-212 (152%)		0-.22698 (152%)	40.04
STR TOTAL	157	30-284 (81%)		-.30411 (81%)	38.39

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=5 LAKE :=EAST FORK LAKE
 DISTRICT :=23 YEAR :=96
 ACREAGE :934 SAMPLING RATIO :=62/180 = 34.4%
 RATIO OF EFFORT HOURS INTERVIEWED := 60.2/158.1 = 38.12%
 NUMBER OF INTERVIEWS: 17

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 2

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVST	95% CI	#/HA	#/ACRE
BLC	.020	+- .193 (844 %)	14	+-47 (238 %)	.04	.02
BLG	.002	+- .009 (318 %)	3	+-10 (318 %)	.00	.00
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB		*** NOT RECORDED ***		*** NOT RECORDED ***		
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.386	+-3.937 (921 %)	198	+-1314 (564 %)	.52	.21
YEB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.408	+-4.140 (914 %)	214	+-1363 (536 %)	.57	.23

SPEC	KG/HR	95% CI	KG HARVST	95% CI	KG/HA	AVG WT(G)
BLC	.005	+- .044 (844 %)	3	+-11 (238 %)	.008	227.4
BLG	.000	+- .000 (318 %)		+- .71126 (318 %)	.000	68.0
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB		*** NOT RECORDED ***		*** NOT RECORDED ***		
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.075	+- .902 (109 %)	33	+-326 (887 %)	.087	166.8
YEB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.080	+- .948 (108 %)	36	+-342 (841 %)	.096	169.6

SPEC	LB/HR	95% CI	LB HARVST	95% CI	LB/ACRE	AVG WT(LB)
BLC	.010	+- .097 (844 %)	7	+-24 (238 %)	.008	.5013
BLG	.000	+- .001 (318 %)		+-2 (318 %)	.000	.1500
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB		*** NOT RECORDED ***		*** NOT RECORDED ***		
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.166	+-1.988 (109 %)	73	+-718 (887 %)	.078	.3677
YEB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.177	+-2.089 (108 %)	80	+-754 (841 %)	.086	.3739

CAUGHT AND CPUE TABLE

*** DAY ***

REGION :=5 LAKE :=EAST FORK LAKE
 DISTRICT :=23 YEAR :=96
 ACREAGE :934 SAMPLING RATIO :=62/180 = 34.4%
 RATIO OF EFFORT HOURS INTERVIEWED := 60.2/158.1 = 38.12%
 NUMBER OF INTERVIEWS: 17

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 2

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLC	.020	+- .193 (844 %)	14	+-47 (238 %)	.04	.02
BLG	.002	+- .009 (318 %)	3	+-10 (318 %)	.00	.00
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.015	+- .042 (174 %)	27	+-73 (171 %)	.07	.03
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.708	+-6.060 (756 %)	384	+-1379 (259 %)	1.02	.41
YEB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.746	+-6.285 (742 %)	427	+-1438 (237 %)	1.13	.46

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLC	.005	+- .044 (844 %)	3	+-11 (238 %)	.008	227.4
BLG	.000	+- .000 (318 %)		+- .71126 (318 %)	.000	68.0
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.008	+- .024 (195 %)	17	+-58 (232 %)	.046	645.8
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.089	+- .975 (996 %)	42	+-343 (718 %)	.111	109.2
YEB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.102	+-1.027 (908 %)	63	+-311 (397 %)	.166	146.6

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLC	.010	+- .097 (844 %)	7	+-24 (238 %)	.008	.5013
BLG	.000	+- .001 (318 %)		+-2 (318 %)	.000	.1500
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.018	+- .053 (195 %)	38	+-127 (232 %)	.041	1.4237
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.196	+-2.149 (996 %)	92	+-757 (718 %)	.099	.2408
YEB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.225	+-2.264 (908 %)	138	+-687 (397 %)	.148	.3232

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=5 LAKE :=JONES LAKE
 DISTRICT :=24 YEAR :=96
 ACREAGE :96 SAMPLING RATIO :=23/45 = 51.1%
 NUMBER OF INTERVIEWS:41

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD

BOAT FISHING:					
WEEKDAY	34	0-74 (116%)		0-.76605 (116%)	37.50
WKND/HOL	26	0-90 (245%)		0-.93329 (245%)	61.54

STR TOTAL	60	8-112 (86%)		-1 (86%)	47.92

SHORE FISHING:					
WEEKDAY	52	22-82 (58%)		-.85809 (58%)	24.23
WKND/HOL	73	33-113 (54%)		-1 (54%)	53.22

STR TOTAL	125	85-165 (32%)	1	-2 (32%)	41.16

BOAT/SHORE COALESCED:					
WEEKDAY	87	27-147 (69%)		-2 (69%)	29.14
WKND/HOL	98	54-142 (45%)	1	-1 (45%)	55.97

STR TOTAL	185	118-252 (36%)	2	1-3 (36%)	43.35

BOAT/SHORE STRATIFIED:					
WEEKDAY	87	41-133 (53%)		-1 (53%)	29.14
WKND/HOL	100	48-152 (52%)	1	-2 (52%)	54.85

STR TOTAL	187	126-248 (33%)	2	1-3 (33%)	42.89

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=5 LAKE :=JONES LAKE
 DISTRICT :=24 YEAR :=96
 ACREAGE :96 SAMPLING RATIO :=46/90 = 51.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 80.1/189.7 = 42.26%
 NUMBER OF INTERVIEWS: 41

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVST	95% CI	#/HA	#/ACRE
BLC	.163	+- .755 (350 %)	42	+-145 (250 %)	1.07	.43
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.002	+- .003 (257 %)	2	+-6 (257 %)	.04	.02
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAM		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.170	+- .757 (345 %)	43	+-147 (240 %)	1.11	.45

SPEC	KG/HR	95% CI	KG HARVST	95% CI	KG/HA	AVG WT(G)
BLC	.031	+- .129 (317 %)	8	+-26 (205 %)	.216	202.1
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.002	+- .006 (257 %)	1	+-4 (257 %)	.030	694.6
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAM		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.032	+- .130 (300 %)	10	+-25 (166 %)	.246	221.1

SPEC	LB/HR	95% CI	LB HARVST	95% CI	LB/ACRE	AVG WT(LB)
BLC	.068	+- .284 (317 %)	18	+-56 (205 %)	.193	.4455
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.004	+- .013 (257 %)	3	+-9 (257 %)	.027	1.5313
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAM		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.072	+- .287 (300 %)	21	+-56 (166 %)	.219	.4874

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=5 LAKE :=JONES LAKE
 DISTRICT :=24 YEAR :=96
 ACREAGE :96 SAMPLING RATIO :=46/90 = 51.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 80.1/189.7 = 42.26%
 NUMBER OF INTERVIEWS: 41

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLC	.236	+- .749 (217 %)	51	+-142 (177 %)	1.31	.53
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.246	+- .713 (190 %)	78	+-164 (110 %)	2.01	.81
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAM		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.482	+- .976 (102 %)	129	33-225 (74 %)	3.32	1.35

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AUG WT(G)
BLC	.052	+- .126 (142 %)	11	+-25 (119 %)	.294	223.7
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.073	+- .270 (267 %)	22	+-57 (157 %)	.570	284.0
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAM		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.125	+- .297 (137 %)	34	1-66 (96 %)	.864	260.2

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AUG WT(LB)
BLC	.114	+- .277 (142 %)	25	+-55 (119 %)	.262	.4932
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.162	+- .594 (267 %)	49	+-125 (157 %)	.509	.6262
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAM		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.276	+- .655 (137 %)	74	3-145 (96 %)	.771	.5736

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=3 LAKE :=LINCOLN TRAIL LAKE
 DISTRICT :=14 YEAR :=96
 ACREAGE :136 SAMPLING RATIO :=23/45 = 51.1%
 NUMBER OF INTERVIEWS:3

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD
BOAT FISHING:					
WEEKDAY	0	(0%)	0	(0%)	
WKND/HOL	0	(0%)	0	(0%)	
STR TOTAL	0	(0%)	0	(0%)	0
SHORE FISHING:					
WEEKDAY	12	0-37 (212%)		0-.27544 (212%)	16.67
WKND/HOL	7	0-22 (211%)		0-.15993 (211%)	20.29
STR TOTAL	19	0-45 (135%)		0-.32838 (135%)	18.00
BOAT/SHORE COALESCED:					
WEEKDAY	12	0-37 (212%)		0-.27544 (212%)	16.67
WKND/HOL	7	0-22 (211%)		0-.15993 (211%)	20.29
STR TOTAL	19	0-45 (135%)		0-.32838 (135%)	18.00
BOAT/SHORE STRATIFIED:					
WEEKDAY	12	0-37 (212%)		0-.27544 (212%)	16.67
WKND/HOL	7	0-21 (206%)		0-.15769 (206%)	20.29
STR TOTAL	19	0-45 (135%)		0-.32793 (135%)	18.00

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=3 LAKE :=LINCOLN TRAIL LAKE
 DISTRICT :=14 YEAR :=96
 ACREAGE :136 SAMPLING RATIO :=46/90 = 51.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 3.4/20.6 = 16.54%
 NUMBER OF INTERVIEWS: 3

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/ShORE STRATIFIED

FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLC	*** NOT RECORDED ***		*** NOT RECORDED ***			
BLG	*** NOT RECORDED ***		*** NOT RECORDED ***			
CCF	*** NOT RECORDED ***		*** NOT RECORDED ***			
LMB	*** NOT RECORDED ***		*** NOT RECORDED ***			
RSF	*** NOT RECORDED ***		*** NOT RECORDED ***			
WHC	*** NOT RECORDED ***		*** NOT RECORDED ***			
MSC	*** NOT RECORDED ***		*** NOT RECORDED ***			
TOT	*** NOT RECORDED ***		*** NOT RECORDED ***			

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLC	*** NOT RECORDED ***		*** NOT RECORDED ***			
BLG	*** NOT RECORDED ***		*** NOT RECORDED ***			
CCF	*** NOT RECORDED ***		*** NOT RECORDED ***			
LMB	*** NOT RECORDED ***		*** NOT RECORDED ***			
RSF	*** NOT RECORDED ***		*** NOT RECORDED ***			
WHC	*** NOT RECORDED ***		*** NOT RECORDED ***			
MSC	*** NOT RECORDED ***		*** NOT RECORDED ***			
TOT	*** NOT RECORDED ***		*** NOT RECORDED ***			

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLC	*** NOT RECORDED ***		*** NOT RECORDED ***			
BLG	*** NOT RECORDED ***		*** NOT RECORDED ***			
CCF	*** NOT RECORDED ***		*** NOT RECORDED ***			
LMB	*** NOT RECORDED ***		*** NOT RECORDED ***			
RSF	*** NOT RECORDED ***		*** NOT RECORDED ***			
WHC	*** NOT RECORDED ***		*** NOT RECORDED ***			
MSC	*** NOT RECORDED ***		*** NOT RECORDED ***			
TOT	*** NOT RECORDED ***		*** NOT RECORDED ***			

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=3 LAKE :=LINCOLN TRAIL LAKE
 DISTRICT :=14 YEAR :=96
 ACREAGE :136 SAMPLING RATIO :=46/90 = 51.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 3.4/20.6 = 16.54%
 NUMBER OF INTERVIEWS: 3

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLC	*** NOT RECORDED ***		*** NOT RECORDED ***			
BLG	*** NOT RECORDED ***		*** NOT RECORDED ***			
CCF	*** NOT RECORDED ***		*** NOT RECORDED ***			
LMB	*** NOT RECORDED ***		*** NOT RECORDED ***			
RSF	*** NOT RECORDED ***		*** NOT RECORDED ***			
WHC	*** NOT RECORDED ***		*** NOT RECORDED ***			
MSC	*** NOT RECORDED ***		*** NOT RECORDED ***			
TOT	*** NOT RECORDED ***		*** NOT RECORDED ***			

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLC	*** NOT RECORDED ***		*** NOT RECORDED ***			
BLG	*** NOT RECORDED ***		*** NOT RECORDED ***			
CCF	*** NOT RECORDED ***		*** NOT RECORDED ***			
LMB	*** NOT RECORDED ***		*** NOT RECORDED ***			
RSF	*** NOT RECORDED ***		*** NOT RECORDED ***			
WHC	*** NOT RECORDED ***		*** NOT RECORDED ***			
MSC	*** NOT RECORDED ***		*** NOT RECORDED ***			
TOT	*** NOT RECORDED ***		*** NOT RECORDED ***			

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLC	*** NOT RECORDED ***		*** NOT RECORDED ***			
BLG	*** NOT RECORDED ***		*** NOT RECORDED ***			
CCF	*** NOT RECORDED ***		*** NOT RECORDED ***			
LMB	*** NOT RECORDED ***		*** NOT RECORDED ***			
RSF	*** NOT RECORDED ***		*** NOT RECORDED ***			
WHC	*** NOT RECORDED ***		*** NOT RECORDED ***			
MSC	*** NOT RECORDED ***		*** NOT RECORDED ***			
TOT	*** NOT RECORDED ***		*** NOT RECORDED ***			

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=4 LAKE :=LAKE PITTSFIELD
 DISTRICT :=15 YEAR :=96
 ACREAGE :207 SAMPLING RATIO :=23/45 = 51.1%
 NUMBER OF INTERVIEWS:13

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD
BOAT FISHING:					
WEEKDAY	25	0-76 (202%)		0-.36487 (202%)	34.40
WKND/HOL	0	(0%)	0	(0%)	
STR TOTAL	25	0-76 (202%)		0-.36487 (202%)	34.40
SHORE FISHING:					
WEEKDAY	25	0-95 (280%)		0-.45882 (280%)	20.16
WKND/HOL	26	2-50 (92%)		-.24170 (92%)	43.46
STR TOTAL	51	0-116 (127%)		0-.56013 (127%)	32.04
BOAT/SHORE COALESCED:					
WEEKDAY	50	0-124 (149%)		0-.60136 (149%)	27.28
WKND/HOL	26	2-50 (92%)		-.24170 (92%)	43.46
STR TOTAL	76	-152 (99%)		-.73211 (99%)	32.82
BOAT/SHORE STRATIFIED:					
WEEKDAY	50	0-116 (132%)		0-.56151 (132%)	27.28
WKND/HOL	26	3-49 (90%)		-.23903 (90%)	43.46
STR TOTAL	76	9-143 (88%)		-.69167 (88%)	32.82

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=4 LAKE :=LAKE PITTSFIELD
 DISTRICT :=15 YEAR :=96
 ACREAGE :207 SAMPLING RATIO :=46/90 = 51.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 24.9/78.4 = 31.79%
 NUMBER OF INTERVIEWS: 13

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:
 YEB BLB
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLC	.030	+- .133 (344 %)	11	+-31 (174 %)	.14	.06
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF	.012	+- .065 (430 %)	3	+-15 (430 %)	.03	.02
FCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.004	(0 %)	3	(0 %)	.03	.02
SBH		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.402	+-1.806 (349 %)	84	+-300 (258 %)	1.00	.41
MSC	.030	+- .080 (165 %)	14	+-35 (158 %)	.16	.07
TOT	.479	+-1.876 (292 %)	114	+-326 (185 %)	1.36	.55

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLC	.004	+- .017 (318 %)	2	+-5 (170 %)	.020	146.9
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF	.010	+- .055 (430 %)	2	+-12 (430 %)	.028	347.7
FCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.003	(0 %)	2	(0 %)	.023	694.6
SBH		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.056	+- .252 (352 %)	12	+-42 (257 %)	.140	139.9
MSC	.019	+- .051 (172 %)	8	+-22 (163 %)	.099	610.9
TOT	.092	+- .260 (206 %)	26	+-58 (122 %)	.310	227.4

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLC	.009	+- .037 (318 %)	4	+-10 (170 %)	.018	.3238
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF	.023	+- .122 (430 %)	5	+-28 (430 %)	.025	1.8688
FCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.006	(0 %)	4	(0 %)	.020	1.5313
SBH		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.123	+- .555 (352 %)	26	+-92 (257 %)	.125	.3085
MSC	.041	+- .112 (172 %)	18	+-48 (163 %)	.089	1.3468
TOT	.202	+- .617 (206 %)	57	+-127 (122 %)	.277	.5013

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=4 LAKE :=LAKE PITTSFIELD
 DISTRICT :=15 YEAR :=96
 ACREAGE :207 SAMPLING RATIO :=46/90 = 51.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 24.9/78.4 = 31.79%
 NUMBER OF INTERVIEWS: 13

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

YEB BLB

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLC	.030	+- .133 (344 %)	11	+-31 (174 %)	.14	.06
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF	.012	+- .065 (430 %)	3	+-15 (430 %)	.03	.02
FCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.016	+- .072 (344 %)	6	+-22 (304 %)	.07	.03
SBH	.032	+- .144 (344 %)	11	+-45 (304 %)	.13	.06
WAE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.418	+-1.321 (335 %)	101	+-296 (193 %)	1.21	.49
MSC	.030	+- .080 (165 %)	14	+-35 (158 %)	.16	.07
TOT	.540	+-1.918 (255 %)	145	+-344 (136 %)	1.74	.70

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLC	.004	+- .017 (318 %)	2	+-5 (170 %)	.020	146.9
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF	.010	+- .055 (430 %)	2	+-12 (430 %)	.028	847.7
FCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.004	+- .017 (320 %)	2	+-11 (376 %)	.026	400.8
SBH	.013	+- .056 (345 %)	4	+-17 (304 %)	.051	385.0
WAE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.058	+- .254 (340 %)	14	+-41 (199 %)	.165	136.7
MSC	.019	+- .051 (172 %)	8	+-22 (163 %)	.099	610.9
TOT	.107	+- .287 (167 %)	33	+-68 (109 %)	.390	224.4

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLC	.009	+- .037 (318 %)	4	+-10 (170 %)	.018	.3238
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF	.023	+- .122 (430 %)	5	+-28 (430 %)	.025	1.8688
FCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.009	+- .037 (320 %)	5	+-23 (376 %)	.024	.8835
SBH	.028	+- .123 (345 %)	9	+-38 (304 %)	.045	.8488
WAE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.127	+- .559 (340 %)	30	+-91 (199 %)	.147	.3015
MSC	.041	+- .112 (172 %)	18	+-48 (163 %)	.089	1.3468
TOT	.237	+- .632 (167 %)	72	+-151 (109 %)	.348	.4948

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=5 LAKE :=RAMSEY LAKE
 DISTRICT :=22 YEAR :=96
 ACREAGE :53 SAMPLING RATIO :=23/45 = 51.1%
 NUMBER OF INTERVIEWS:3

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD
BOAT FISHING:					
WEEKDAY	0	(0%)	0	(0%)	
WKND/HOL	6	0-24 (300%)		0-.45304 (300%)	58.33
STR TOTAL	6	0-24 (300%)		0-.45304 (300%)	58.33
SHORE FISHING:					
WEEKDAY	0	0-2 (214%)	0	0-.04042 (4%)	
WKND/HOL	0	(0%)	0	(0%)	
STR TOTAL	0	0-2 (214%)	0	0-.04042 (4%)	0
BOAT/SHORE COALESCED:					
WEEKDAY	0	0-2 (214%)	0	0-.04042 (4%)	
WKND/HOL	6	0-24 (300%)		0-.45304 (300%)	58.33
STR TOTAL	6	0-24 (293%)		0-.44511 (293%)	58.33
BOAT/SHORE STRATIFIED:					
WEEKDAY	0	0-2 (214%)	0	0-.04042 (4%)	
WKND/HOL	6	0-24 (299%)		0-.45188 (299%)	58.33
STR TOTAL	6	0-24 (292%)		0-.44401 (292%)	58.33

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=5 LAKE :=RAMSEY LAKE
 DISTRICT :=22 YEAR :=96
 ACREAGE :=53 SAMPLING RATIO :=46/90 = 51.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 4/7 = 57.14%
 NUMBER OF INTERVIEWS: 3

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLC	.050	+- .203 (306 %)	10	+-42 (312 %)	.48	.20
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB		*** NOT RECORDED ***		*** NOT RECORDED ***		
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WSH		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.050	+- .203 (306 %)	10	+-42 (312 %)	.48	.20

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLC	.010	+- .040 (310 %)	2	+-8 (318 %)	.095	197.8
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB		*** NOT RECORDED ***		*** NOT RECORDED ***		
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WSH		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.010	+- .040 (310 %)	2	+-8 (318 %)	.095	197.8

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLC	.022	+- .089 (310 %)	4	+-19 (318 %)	.084	.4360
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB		*** NOT RECORDED ***		*** NOT RECORDED ***		
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WSH		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.022	+- .089 (310 %)	4	+-19 (318 %)	.084	.4360

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=5 LAKE :=RAMSEY LAKE
 DISTRICT :=22 YEAR :=96
 ACREAGE :53 SAMPLING RATIO :=46/90 = 51.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 4/7 = 57.14%
 NUMBER OF INTERVIEWS: 3

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT;

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/ShORE STRATIFIED

FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLC	.069	+- .289 (323 %)	14	+- 62 (333 %)	.67	.27
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.015	(0 %)	3	(0 %)	.12	.05
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WSH		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.083	+- .338 (306 %)	17	+- 70 (312 %)	.80	.32

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLC	.011	+- .046 (317 %)	2	+- 10 (326 %)	.108	160.3
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.002	(0 %)		(0 %)	.020	164.3
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WSH		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.013	+- .055 (305 %)	3	+- 11 (308 %)	.128	160.9

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLC	.024	+- .102 (317 %)	5	+- 22 (326 %)	.096	.3533
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.005	(0 %)		(0 %)	.018	.3621
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WSH		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.030	+- .120 (305 %)	6	+- 25 (308 %)	.114	.3547

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=5 LAKE :=REND LAKE
 DISTRICT :=32 YEAR :=96
 ACREAGE :16135 SAMPLING RATIO :=38/225 = 16.8%
 NUMBER OF INTERVIEWS:18

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 3 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 4 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 5

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVL
BOAT FISHING:					
WEEKDAY	371	34-708 (91%)		-.04389 (91%)	7.36
WKND/HOL	506	0-1034 (104%)		0-.06409 (104%)	2.54
STR TOTAL	877	284-1470 (68%)		-.09110 (68%)	4.58
SHORE FISHING:					
WEEKDAY	177	0-429 (142%)		0-.02657 (142%)	6.18
WKND/HOL	28	0-79 (183%)		0-.00491 (183%)	14.46
STR TOTAL	205	0-459 (124%)		0-.02845 (124%)	7.31
BOAT/SHORE COALESCED:					
WEEKDAY	548	140-956 (74%)		-.05924 (74%)	6.98
WKND/HOL	535	12-1058 (98%)		-.06559 (98%)	3.16
STR TOTAL	1083	460-1706 (58%)		-.10574 (58%)	5.10
BOAT/SHORE STRATIFIED:					
WEEKDAY	548	152-944 (72%)		-.05850 (72%)	6.98
WKND/HOL	535	6-1064 (99%)		-.06596 (99%)	3.16
STR TOTAL	1083	456-1710 (58%)		-.10597 (58%)	5.10

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=5 LAKE :=REND LAKE
 DISTRICT :=32 YEAR :=96
 ACREAGE :16135 SAMPLING RATIO :=76/450 = 16.8%
 RATIO OF EFFORT HOURS INTERVIEWED := 55.1/1084 = 5.09%
 NUMBER OF INTERVIEWS: 18

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 3 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 4 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 5

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/ShORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLC		*** NOT RECORDED ***	*** NOT RECORDED ***			
BLG		*** NOT RECORDED ***	*** NOT RECORDED ***			
CCF		*** NOT RECORDED ***	*** NOT RECORDED ***			
GSF		*** NOT RECORDED ***	*** NOT RECORDED ***			
U1B		*** NOT RECORDED ***	*** NOT RECORDED ***			
SBH		*** NOT RECORDED ***	*** NOT RECORDED ***			
WHE		*** NOT RECORDED ***	*** NOT RECORDED ***			
WHC	.301	+- .717 (138 %)	1251	+-2802 (124 %)	.19	.08
YLB		*** NOT RECORDED ***	*** NOT RECORDED ***			
MSC		*** NOT RECORDED ***	*** NOT RECORDED ***			
TOT	.301	+- .717 (138 %)	1251	+-2802 (124 %)	.19	.08

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLC		*** NOT RECORDED ***	*** NOT RECORDED ***			
BLG		*** NOT RECORDED ***	*** NOT RECORDED ***			
CCF		*** NOT RECORDED ***	*** NOT RECORDED ***			
GSF		*** NOT RECORDED ***	*** NOT RECORDED ***			
U1B		*** NOT RECORDED ***	*** NOT RECORDED ***			
SBH		*** NOT RECORDED ***	*** NOT RECORDED ***			
WHE		*** NOT RECORDED ***	*** NOT RECORDED ***			
WHC	.025	+- .058 (136 %)	102	+-228 (122 %)	.016	82.0
YLB		*** NOT RECORDED ***	*** NOT RECORDED ***			
MSC		*** NOT RECORDED ***	*** NOT RECORDED ***			
TOT	.025	+- .058 (136 %)	102	+-228 (122 %)	.016	82.0

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLC		*** NOT RECORDED ***	*** NOT RECORDED ***			
BLG		*** NOT RECORDED ***	*** NOT RECORDED ***			
CCF		*** NOT RECORDED ***	*** NOT RECORDED ***			
GSF		*** NOT RECORDED ***	*** NOT RECORDED ***			
U1B		*** NOT RECORDED ***	*** NOT RECORDED ***			
SBH		*** NOT RECORDED ***	*** NOT RECORDED ***			
WHE		*** NOT RECORDED ***	*** NOT RECORDED ***			
WHC	.054	+- .128 (136 %)	226	+-502 (122 %)	.014	.1807
YLB		*** NOT RECORDED ***	*** NOT RECORDED ***			
MSC		*** NOT RECORDED ***	*** NOT RECORDED ***			
TOT	.054	+- .128 (136 %)	226	+-502 (122 %)	.014	.1807

CAUGHT AND CRUE TABLE *** DAY ***
 REGION :=5 LAKE :=REND LAKE
 DISTRICT :=32 YEAR :=96
 ACREAGE :16135 SAMPLING RATIO :=76/450 = 16.8%
 RATIO OF EFFORT HOURS INTERVIEWED := 55.1/1084 = 5.09%
 NUMBER OF INTERVIEWS: 18

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 3 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 4 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 5

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLC		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.013	+-.030 (127 %)	87	+-.283 (224 %)	.01	.00
SBH		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHB	.013	+-.051 (278 %)	213	+-.803 (278 %)	.03	.02
WHC	.867	+-.2076 (140 %)	3353	+-.7788 (132 %)	.51	.21
YLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.893	+-.2.103 (135 %)	3453	+-.8106 (122 %)	.56	.23

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLC		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.006	+-.013 (131 %)	45	+-.148 (232 %)	.007	510.8
SBH		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHB	.004	+-.014 (278 %)	58	+-.217 (278 %)	.009	270.8
WHC	.046	+-.111 (138 %)	183	+-.419 (129 %)	.028	54.7
YLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.056	+-.120 (116 %)	286	+-.593 (108 %)	.044	78.2

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLC		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.012	+-.028 (131 %)	98	+-.326 (232 %)	.006	1.1261
SBH		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHB	.008	+-.030 (278 %)	127	+-.477 (278 %)	.008	.5971
WHC	.102	+-.244 (138 %)	404	+-.925 (129 %)	.025	.1206
YLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.123	+-.265 (116 %)	629	+-.1307 (108 %)	.039	.1723

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=1 LAKE :=LAKE STOREY
 DISTRICT :=04 YEAR :=96
 ACREAGE :132 SAMPLING RATIO :=23/45 = 51.1%
 NUMBER OF INTERVIEWS:1

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVL
BOAT FISHING:					
WEEKDAY	26	0-69 (167%)		0-.52546 (167%)	17.31
WKND/HOL	12	(0%)		(0%)	0
STR TOTAL	38	0-82 (115%)		0-.61968 (115%)	11.84
SHORE FISHING:					
WEEKDAY	32	0-82 (157%)		0-.62231 (157%)	0
WKND/HOL	4	(0%)		(0%)	0
STR TOTAL	36	0-86 (139%)		0-.65289 (139%)	0
BOAT/SHORE COALESCED:					
WEEKDAY	59	9-109 (85%)		-.82685 (85%)	7.63
WKND/HOL	16	(0%)		(0%)	0
STR TOTAL	75	24-126 (68%)		-.95250 (68%)	6.00
BOAT/SHORE STRATIFIED:					
WEEKDAY	59	-118 (100%)		-.89261 (100%)	7.63
WKND/HOL	16	(0%)		(0%)	0
STR TOTAL	75	16-134 (79%)		-1 (79%)	6.00

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :1 LAKE :LAKE STOREY
 DISTRICT :04 YEAR :96
 ACREAGE :132 SAMPLING RATIO :46/90 = 51.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 4.5/76 = 5.92%
 NUMBER OF INTERVIEWS: 1

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.041	+- .147 (257 %)	30	+-106 (257 %)	.55	.23
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MUE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.041	+- .147 (257 %)	30	+-106 (257 %)	.55	.23

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.004	+- .014 (257 %)	3	+-10 (257 %)	.052	93.7
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MUE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.004	+- .014 (257 %)	3	+-10 (257 %)	.052	93.7

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.009	+- .030 (257 %)	6	+-22 (257 %)	.046	.2066
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB		*** NOT RECORDED ***		*** NOT RECORDED ***		
MUE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAE		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.009	+- .030 (257 %)	6	+-22 (257 %)	.046	.2066

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=1 LAKE :=LAKE STOREY
 DISTRICT :=04 YEAR :=96
 ACREAGE :=132 SAMPLING RATIO :=46/90 = 51.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 4.5/76 = 5.92%
 NUMBER OF INTERVIEWS: 1

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLB		*** NOT RECORDED ***	*** NOT RECORDED ***			
BLC	.041	+- .147 (257 %)	30	+-106 (257 %)	.55	.23
BLG		*** NOT RECORDED ***	*** NOT RECORDED ***			
CCF		*** NOT RECORDED ***	*** NOT RECORDED ***			
GSF		*** NOT RECORDED ***	*** NOT RECORDED ***			
LMB		*** NOT RECORDED ***	*** NOT RECORDED ***			
MUE		*** NOT RECORDED ***	*** NOT RECORDED ***			
WAE		*** NOT RECORDED ***	*** NOT RECORDED ***			
WHC		*** NOT RECORDED ***	*** NOT RECORDED ***			
MSC		*** NOT RECORDED ***	*** NOT RECORDED ***			
TOT	.041	+- .147 (257 %)	30	+-106 (257 %)	.55	.23

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLB		*** NOT RECORDED ***	*** NOT RECORDED ***			
BLC	.004	+- .014 (257 %)	3	+-10 (257 %)	.052	93.7
BLG		*** NOT RECORDED ***	*** NOT RECORDED ***			
CCF		*** NOT RECORDED ***	*** NOT RECORDED ***			
GSF		*** NOT RECORDED ***	*** NOT RECORDED ***			
LMB		*** NOT RECORDED ***	*** NOT RECORDED ***			
MUE		*** NOT RECORDED ***	*** NOT RECORDED ***			
WAE		*** NOT RECORDED ***	*** NOT RECORDED ***			
WHC		*** NOT RECORDED ***	*** NOT RECORDED ***			
MSC		*** NOT RECORDED ***	*** NOT RECORDED ***			
TOT	.004	+- .014 (257 %)	3	+-10 (257 %)	.052	93.7

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLB		*** NOT RECORDED ***	*** NOT RECORDED ***			
BLC	.009	+- .030 (257 %)	6	+-22 (257 %)	.046	.2066
BLG		*** NOT RECORDED ***	*** NOT RECORDED ***			
CCF		*** NOT RECORDED ***	*** NOT RECORDED ***			
GSF		*** NOT RECORDED ***	*** NOT RECORDED ***			
LMB		*** NOT RECORDED ***	*** NOT RECORDED ***			
MUE		*** NOT RECORDED ***	*** NOT RECORDED ***			
WAE		*** NOT RECORDED ***	*** NOT RECORDED ***			
WHC		*** NOT RECORDED ***	*** NOT RECORDED ***			
MSC		*** NOT RECORDED ***	*** NOT RECORDED ***			
TOT	.009	+- .030 (257 %)	6	+-22 (257 %)	.046	.2066

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=3 LAKE :=WELDON SPRINGS
 DISTRICT :=13 YEAR :=96
 ACREAGE :28 SAMPLING RATIO :=23/45 = 51.1%
 NUMBER OF INTERVIEWS:23

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD
BOAT FISHING:					
WEEKDAY	8	0-25 (211%)		0-.88807 (211%)	25.88
WKND/HOL	8	0-44 (448%)		0-2 (448%)	31.25
STR TOTAL	16	0-44 (173%)		0-2 (173%)	28.56
SHORE FISHING:					
WEEKDAY	82	0-181 (120%)	3	0-6 (120%)	17.76
WKND/HOL	28	12-44 (57%)	1	-2 (57%)	43.79
STR TOTAL	110	11-209 (90%)	4	-7 (90%)	24.38
BOAT/SHORE COALESCED:					
WEEKDAY	91	0-205 (126%)	3	0-7 (126%)	18.27
WKND/HOL	35	4-66 (88%)	1	-2 (88%)	42.17
STR TOTAL	126	11-241 (91%)	5	-9 (91%)	24.91
BOAT/SHORE STRATIFIED:					
WEEKDAY	91	0-190 (109%)	3	0-7 (109%)	18.27
WKND/HOL	37	5-69 (87%)	1	-2 (87%)	39.89
STR TOTAL	128	28-228 (78%)	5	1-8 (78%)	24.52

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=3 LAKE :=WELDON SPRINGS
 DISTRICT :=13 YEAR :=96
 ACREAGE :28 SAMPLING RATIO :=46/90 = 51.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 31.3/130 = 24.13%
 NUMBER OF INTERVIEWS: 23

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.013	+-.054 (326 %)	11	+-.30 (175 %)	.95	.39
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
FCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB		*** NOT RECORDED ***		*** NOT RECORDED ***		
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.013	+-.054 (326 %)	11	+-.30 (175 %)	.95	.39

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.003	+-.012 (304 %)	3	+-.8 (175 %)	.249	262.1
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
FCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB		*** NOT RECORDED ***		*** NOT RECORDED ***		
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.003	+-.012 (304 %)	3	+-.8 (175 %)	.249	262.1

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.007	+-.027 (304 %)	6	+-.17 (175 %)	.222	.5778
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
FCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB		*** NOT RECORDED ***		*** NOT RECORDED ***		
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.007	+-.027 (304 %)	6	+-.17 (175 %)	.222	.5778

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=3 LAKE :=WELDON SPRINGS
 DISTRICT :=13 YEAR :=96
 ACREAGE :28 SAMPLING RATIO :=46/90 = 51.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 31.3/130 = 24.13%
 NUMBER OF INTERVIEWS: 23

COMBINED ACROSS STRATA:

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.025	+-0.066 (157 %)	15	+-36 (132 %)	1.36	.55
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
FCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.019	+-0.103 (430 %)	9	+-47 (430 %)	.77	.32
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.045	+-0.166 (269 %)	24	+-75 (211 %)	2.13	.86

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.004	+-0.013 (203 %)	3	+-8 (154 %)	.284	209.4
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
FCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.006	+-0.034 (430 %)	3	+-15 (430 %)	.257	332.2
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.011	+-0.048 (351 %)	6	+-22 (261 %)	.541	254.0

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.009	+-0.028 (203 %)	7	+-18 (154 %)	.253	.4616
BLG		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
FCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.014	+-0.076 (430 %)	6	+-34 (430 %)	.229	.7324
RSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.023	+-0.106 (351 %)	14	+-49 (261 %)	.483	.5600

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EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=4 LAKE :=BALDWIN LAKE
 DISTRICT :=21 YEAR :=96
 ACREAGE :1960 SAMPLING RATIO :=312/738 = 42.2%
 NUMBER OF INTERVIEWS:2422

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVL
BOAT FISHING:					
WEEKDAY	23508	21160-25856 (10%)	12	11-13 (10%)	12.65
WKND/HOL	26130	23941-28319 (8%)	13	12-14 (8%)	20.92
STR TOTAL	49638	46481-52795 (6%)	25	24-27 (6%)	17.01
SHORE FISHING:					
WEEKDAY	9591	8524-10658 (11%)	5	4-5 (11%)	12.14
WKND/HOL	8247	7409-9085 (10%)	4	4-5 (10%)	21.26
STR TOTAL	17838	16512-19164 (7%)	9	8-10 (7%)	16.36
BOAT/SHORE COALESCED:					
WEEKDAY	32875	30019-35731 (9%)	17	15-18 (9%)	12.59
WKND/HOL	34246	31651-36841 (8%)	17	16-19 (8%)	21.08
STR TOTAL	67121	63324-70918 (6%)	34	32-36 (6%)	16.92
BOAT/SHORE STRATIFIED:					
WEEKDAY	33099	30535-35663 (8%)	17	16-18 (8%)	12.51
WKND/HOL	34380	32064-36696 (7%)	18	16-19 (7%)	21.00
STR TOTAL	67479	64068-70890 (5%)	34	33-36 (5%)	16.83

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=4 LAKE :=BALDWIN LAKE
 DISTRICT :=21 YEAR :=96
 ACREAGE :=1960 SAMPLING RATIO :=624/1476 = 42.2%
 RATIO OF EFFORT HOURS INTERVIEWED := 11359.6/67482.2 = 16.93%
 NUMBER OF INTERVIEWS: 2422

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:
 CAP FRD GZS LOS BCF FCF ORS WAM THS
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/ShORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVST	95% CI	#/HA	#/ACRE
ELC	*** NOT RECORDED ***		*** NOT RECORDED ***			
BLG	.292	.216-.368 (26 %)	18328	14713-21943 (20 %)	23.11	9.35
CCF	.172	.135-.209 (21 %)	14908	12038-17777 (19 %)	18.79	7.61
GSF	.000	+- .000 (146 %)	16	+-42 (165 %)	.02	.01
LMB	.003	.001-.005 (61 %)	260	143-377 (45 %)	.33	.13
RSF	.000	+- .003 (201 %)	73	+-236 (211 %)	.09	.04
SBH	.006	.001-.010 (79 %)	312	154-470 (51 %)	.39	.16
WHB	.000	+- .000 (151 %)	23	+-59 (152 %)	.03	.01
WHC	.002	.000-.004 (68 %)	211	84-338 (60 %)	.27	.11
MSC	.023	.015-.032 (37 %)	1669	1066-2273 (36 %)	2.10	.85
TOT	.499	.410-.589 (18 %)	35800	30405-41195 (15 %)	45.13	18.27

SPEC	KG/HR	95% CI	KG HARVST	95% CI	KG/HA	AVG WT(G)
ELC	*** NOT RECORDED ***		*** NOT RECORDED ***			
BLG	.025	.018-.033 (29 %)	1554	1224-1885 (21 %)	1.960	84.8
CCF	.030	.023-.036 (21 %)	2563	2093-3033 (18 %)	3.231	171.9
GSF	.000	+- .000 (182 %)	2	+-6 (226 %)	.002	117.9
LMB	.004	.001-.007 (67 %)	347	207-590 (48 %)	.502	1532.4
RSF	.000	+- .000 (212 %)	3	+-9 (227 %)	.003	36.7
SBH	.010	.002-.018 (79 %)	597	262-933 (56 %)	.753	1912.0
WHB	.000	+- .000 (125 %)	17	+-39 (126 %)	.022	740.6
WHC	.000	.000-.001 (94 %)	51	20-81 (61 %)	.064	240.3
MSC	.008	.004-.012 (50 %)	633	354-913 (44 %)	.799	379.4
TOT	.078	.064-.091 (17 %)	5819	4999-6640 (14 %)	7.336	162.5

SPEC	LB/HR	95% CI	LB HARVST	95% CI	LB/HA	AVG WT(LB)
ELC	*** NOT RECORDED ***		*** NOT RECORDED ***			
BLG	.055	.039-.072 (29 %)	3427	2698-4156 (21 %)	1.748	.1870
CCF	.065	.052-.079 (21 %)	5651	4614-6687 (18 %)	2.883	.3790
GSF	.000	+- .000 (182 %)	4	+-13 (226 %)	.002	.2599
LMB	.009	.003-.015 (67 %)	879	456-1301 (48 %)	.448	3.3783
RSF	.000	+- .000 (212 %)	6	+-19 (227 %)	.003	.0810
SBH	.022	.005-.040 (79 %)	1317	577-2057 (56 %)	.672	4.2152
WHB	.000	+- .001 (125 %)	38	+-86 (126 %)	.019	1.6327
WHC	.001	.000-.002 (94 %)	112	44-179 (61 %)	.057	.5298
MSC	.017	.008-.026 (50 %)	1396	780-2012 (44 %)	.712	.8365
TOT	.171	.142-.200 (17 %)	12829	11020-14638 (14 %)	6.545	.3584

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=4 LAKE :=BALDWIN LAKE
 DISTRICT :=21 YEAR :=96
 ACREAGE :1960 SAMPLING RATIO :=624/1476 = 42.2%
 RATIO OF EFFORT HOURS INTERVIEWED := 11359.6/67482.2 = 16.83%
 NUMBER OF INTERVIEWS: 2422

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:
 LMB BLG CCF WHC SBH WHB GSF RSF BLC
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/ShORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVST	95% CI	#/HA	#/ACRE
BCF	.000	+- .002 (119 %)	74	13-136 (83 %)	.09	.04
CAP	.000	+- .003 (157 %)	79	+-179 (126 %)	.10	.04
FCF	.001	.000-.002 (69 %)	72	33-112 (55 %)	.09	.04
FRD	.003	.000-.006 (76 %)	248	121-376 (51 %)	.31	.13
GZS		*** NOT RECORDED ***		*** NOT RECORDED ***		
LOS	.013	.007-.020 (50 %)	1020	507-1533 (50 %)	1.29	.52
ORS	.002	+- .006 (152 %)	148	+-356 (141 %)	.19	.08
THS	.002	+- .006 (278 %)	27	+-102 (278 %)	.03	.02
WAM		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC	.476	.388-.564 (18 %)	34131	28906-39356 (15 %)	43.03	17.42
TOT	.499	.410-.589 (18 %)	35800	30405-41195 (15 %)	45.13	18.27

SPEC	KG/HR	95% CI	KG HARVST	95% CI	KG/HA	AVG WT(G)
BCF	.003	+- .006 (132 %)	232	-464 (100 %)	.293	3117.0
CAP	.000	+- .002 (155 %)	64	+-150 (135 %)	.080	803.6
FCF	.003	.000-.005 (72 %)	198	49-346 (75 %)	.249	2731.8
FRD	.000	.000-.001 (54 %)	76	43-109 (44 %)	.096	306.0
GZS		*** NOT RECORDED ***		*** NOT RECORDED ***		
LOS	.000	.000-.001 (52 %)	58	28-87 (51 %)	.073	56.5
ORS	.000	+- .000 (177 %)	5	+-15 (165 %)	.007	37.0
THS	.000	+- .000 (278 %)		+-2 (278 %)	.000	23.0
WAM		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC	.070	.057-.083 (18 %)	5186	4138-5731 (14 %)	6.538	151.9
TOT	.078	.064-.091 (17 %)	5819	4999-6640 (14 %)	7.336	162.5

SPEC	LB/HR	95% CI	LB HARVST	95% CI	LB/ACRE	AVG WT(LB)
BCF	.006	+- .013 (132 %)	512	1-1022 (100 %)	.261	6.8717
CAP	.002	+- .004 (155 %)	141	+-331 (135 %)	.072	1.7717
FCF	.006	.002-.010 (72 %)	436	108-744 (75 %)	.222	6.0226
FRD	.002	.000-.003 (54 %)	168	94-241 (44 %)	.086	.6746
GZS		*** NOT RECORDED ***		*** NOT RECORDED ***		
LOS	.002	.000-.002 (52 %)	127	62-192 (51 %)	.065	.1246
ORS	.000	+- .000 (177 %)	12	+-32 (165 %)	.006	.0816
THS	.000	+- .000 (278 %)	1	+-5 (278 %)	.000	.0507
WAM		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC	.154	.126-.182 (18 %)	11433	9785-13080 (14 %)	5.833	.3350
TOT	.171	.142-.200 (17 %)	12829	11020-14638 (14 %)	6.545	.3584

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=4 LAKE :=BALDWIN LAKE
 DISTRICT :=21 YEAR :=96
 ACREAGE :=1960 SAMPLING RATIO :=624/1476 = 42.2%
 RATIO OF EFFORT HOURS INTERVIEWED := 11359.6/67482.2 = 16.83%
 NUMBER OF INTERVIEWS: 2422

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:
 CAP FRD GZS LOS BCF FCF ORS WAM THS
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLC	.000	+- .000 (237 %)	17	+-57 (237 %)	.02	.01
BLG	.603	.469-.736 (22 %)	39098	31842-46353 (19 %)	49.29	19.95
CCF	.659	.572-.747 (13 %)	51414	45421-57406 (12 %)	64.82	26.23
GSF	.003	.000-.006 (83 %)	321	+-677 (111 %)	.41	.17
LMB	.284	.251-.317 (12 %)	26945	23821-30073 (12 %)	33.97	13.75
RSF	.000	+- .003 (201 %)	73	+-226 (211 %)	.09	.04
SBH	.049	.029-.068 (41 %)	1971	1453-2488 (26 %)	2.48	1.01
WHB	.013	+- .029 (115 %)	641	280-1003 (56 %)	.81	.33
WHC	.005	.003-.007 (43 %)	488	268-707 (45 %)	.61	.25
MSC	.089	+- .361 (305 %)	6124	3738-8511 (39 %)	7.72	3.13
TOT	1.706	1.527-1.885 (11 %)	127092	115900-138283 (9 %)	160.22	64.84

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA AVG WT(G)
BLC	.000	+- .000 (237 %)	4	+-13 (237 %)	.005 227.4
BLG	.035	.024-.046 (31 %)	2081	1646-2516 (21 %)	2.623 53.2
CCF	.059	.050-.068 (15 %)	4710	4060-5360 (14 %)	5.937 91.6
GSF	.000	.000-.000 (70 %)	10	2-19 (85 %)	.013 32.3
LMB	.245	.215-.275 (12 %)	24328	21459-27197 (12 %)	30.670 902.9
RSF	.000	+- .000 (212 %)	3	+-9 (227 %)	.003 36.7
SBH	.054	.029-.080 (47 %)	2294	1470-3118 (36 %)	2.892 1164.0
WHB	.005	+- .012 (130 %)	185	102-269 (45 %)	.234 289.1
WHC	.000	.000-.001 (52 %)	93	54-133 (42 %)	.118 191.4
MSC	.023	.017-.030 (29 %)	2247	1488-3005 (34 %)	2.832 366.8
TOT	.422	.382-.462 (9 %)	35955	32677-39233 (9 %)	45.328 282.9

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE AVG WT(LB)
BLC	.000	+- .000 (236 %)	8	+-28 (237 %)	.004 .5013
BLG	.077	.053-.101 (31 %)	4588	3628-5548 (21 %)	2.341 .1173
CCF	.130	.110-.150 (15 %)	10383	8950-11816 (14 %)	5.297 .2019
GSF	.000	.000-.000 (70 %)	23	3-42 (85 %)	.012 .0712
LMB	.539	.473-.606 (12 %)	53634	47309-59959 (12 %)	27.364 1.9905
RSF	.000	+- .000 (212 %)	6	+-19 (227 %)	.003 .0810
SBH	.119	.063-.176 (47 %)	5057	3241-6873 (36 %)	2.580 2.5661
WHB	.011	+- .026 (130 %)	409	225-593 (45 %)	.209 .6374
WHC	.002	.001-.003 (52 %)	206	119-293 (42 %)	.105 .4220
MSC	.052	.036-.067 (29 %)	4953	3280-6625 (34 %)	2.527 .8087
TOT	.931	.843-1.019 (9 %)	79266	72039-86493 (9 %)	40.442 .6237

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=4 LAKE :=BALDWIN LAKE
 DISTRICT :=21 YEAR :=96
 ACREAGE :1960 SAMPLING RATIO :=624/1476 = 42.2%
 RATIO OF EFFORT HOURS INTERVIEWED := 11359.6/67482.2 = 16.83%
 NUMBER OF INTERVIEWS: 2422

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

LMB BLG CCF WHC SBH WHB GSF RSF BLC
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BCF	.001	.000-.002 (83 %)	114	40-187 (64 %)	.14	.06
CAP	.001	+- .003 (107 %)	118	14-221 (88 %)	.15	.06
FCF	.002	.000-.003 (62 %)	123	48-197 (61 %)	.15	.06
FRD	.040	.027-.053 (32 %)	3772	2486-5058 (34 %)	4.75	1.93
GZS	.024	+- .317 (124 %)	581	+-7510 (119 %)	.73	.30
LOS	.017	.010-.024 (44 %)	1236	684-1789 (45 %)	1.56	.63
ORS	.002	+- .006 (146 %)	152	+-360 (138 %)	.19	.08
THS	.002	+- .006 (278 %)	27	+-102 (278 %)	.03	.02
WAM	.000	+- .000 (236 %)	2	+-8 (237 %)	.00	.00
MSC	1.617	1.443-1.791 (11 %)	120967	110140-131795 (9 %)	152.50	61.72
TOT	1.706	1.527-1.885 (11 %)	127092	115900-138283 (9 %)	160.22	64.84

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BCF	.003	+- .007 (103 %)	288	47-529 (84 %)	.363	2529.3
CAP	.001	+- .002 (105 %)	95	6-184 (94 %)	.119	802.3
FCF	.003	.001-.005 (61 %)	273	108-439 (61 %)	.345	2232.4
FRD	.014	.009-.020 (39 %)	1512	821-2202 (46 %)	1.906	400.8
GZS	.000	+- .004 (115 %)	9	+-97 (982 %)	.011	15.4
LOS	.000	.000-.001 (46 %)	64	34-93 (47 %)	.080	51.4
ORS	.000	+- .000 (175 %)	6	+-15 (164 %)	.007	36.4
THS	.000	+- .000 (278 %)	2	+-2 (278 %)	.000	23.0
WAM	.000	+- .000 (237 %)	2	+- .81317 (236 %)	.000	96.7
MSC	.399	.360-.438 (10 %)	33708	30606-36811 (9 %)	42.496	278.7
TOT	.422	.382-.462 (9 %)	35955	32677-39233 (9 %)	45.328	282.9

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BCF	.008	+- .016 (103 %)	635	103-1167 (84 %)	.324	5.5761
CAP	.003	+- .005 (105 %)	208	12-405 (94 %)	.106	1.7688
FCF	.007	.003-.012 (61 %)	603	237-968 (61 %)	.308	4.9215
FRD	.031	.019-.043 (39 %)	3332	1810-4855 (46 %)	1.700	.8835
GZS	.000	+- .009 (115 %)	20	+-213 (982 %)	.010	.0339
LOS	.002	.000-.003 (46 %)	140	74-206 (47 %)	.071	.1133
ORS	.000	+- .000 (175 %)	12	+-32 (164 %)	.006	.0802
THS	.000	+- .000 (278 %)	1	+-5 (278 %)	.000	.0507
WAM	.000	+- .000 (237 %)	2	+-2 (236 %)	.000	.2131
MSC	.879	.793-.966 (10 %)	74314	67474-81154 (9 %)	37.915	.6143
TOT	.931	.843-1.019 (9 %)	79266	72039-86493 (9 %)	40.442	.6237

TABLE BALDWIN LAKE 1996 DAY CREEL FINAL REPORT
DAYTIME DATA FOR LAKE=BALDWIN LAKE CREEL BEGUN IN YEAR=96

SECTION 1 FROM 03/15 TO 04/08
SECTION 1 FROM 04/09 TO 04/30
SECTION 1 FROM 05/01 TO 05/31
SECTION 1 FROM 06/01 TO 06/15
SECTION 1 FROM 06/16 TO 08/31
SECTION 1 FROM 09/01 TO 09/30
SECTION 1 FROM 10/01 TO 10/31
SECTION 1 FROM 11/01 TO 11/15

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF.INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	4.7	4.6 - 4.8 (3%)	.5	13.3	982
SHORE	3.2	2.9 - 3.5 (9%)	.4	8	113
BOAT & SHORE	4.5	4.4 - 4.6 (3%)	.4	13.3	1095

793 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS
63.4% OF ALL 1727 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF.INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED IN MILES	29.9	29.2 - 30.6 (2%)	2	190	1546
SUCCESS RATING 1-10?	4.4	4.2 - 4.5 (3%)	1	10	1543

IS CATCH ILLEGAL?

CLERK NOTED 6 OUT OF 1727 INTERVIEWS HAD ILLEGAL CATCHES

# INTERVIEWS (AND %) PER SPECIES SOUGHT				PARTY SIZE VS. # INTERVIEWS			
				BOAT	SHORE		
ANY	607 (35.1%)	LMB	590 (34.2%)	1	251	1	257
SBH	29 (1.7%)	CCF	296 (17.1%)	2	616	2	283
WHC	5 (.3%)	BLG	116 (6.7%)	3	120	3	102
BSS	57 (3.3%)	CAP	3 (.2%)	4	19	4	51
SUN	2 (.1%)	CRP	4 (.2%)	5	1	5	18
CAT	15 (.9%)	FRD	1 (.1%)	6		6	7
FCF	1 (.1%)	BCF	1 (.1%)	7		7	
				8		8	2
				9		9	
				10+		10+	

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=3 LAKE :=LAKE BLOOMINGTON
 DISTRICT :=13 YEAR :=96
 ACREAGE :634 SAMPLING RATIO :=272/1386 = 19.6%
 NUMBER OF INTERVIEWS:1338

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 2
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 2
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVL
BOAT FISHING:					
WEEKDAY	16289	11987-20591 (26%)	26	19-32 (26%)	7.95
WKND/HOL	12341	10776-13906 (13%)	19	17-22 (13%)	17.98
STR TOTAL	28630	24076-33184 (16%)	45	38-52 (16%)	12.28
SHORE FISHING:					
WEEKDAY	6205	4801-7609 (23%)	10	8-12 (23%)	6.12
WKND/HOL	4911	3573-6249 (27%)	8	6-10 (27%)	12.12
STR TOTAL	11116	9197-13035 (17%)	18	15-21 (17%)	8.77
BOAT/SHORE COALESCED:					
WEEKDAY	22382	17853-26911 (20%)	35	28-42 (20%)	7.48
WKND/HOL	17161	14913-19409 (13%)	27	24-31 (13%)	16.40
STR TOTAL	39543	34525-44561 (13%)	62	54-70 (13%)	11.35

BOAT/SHORE STRATIFIED:

WEEKDAY	22497	18003-26991 (20%)	35	28-42 (20%)	7.45
WKND/HOL	17252	15214-19290 (12%)	27	24-30 (12%)	16.31
STR TOTAL	39749	34840-44658 (12%)	63	55-70 (12%)	11.29

REGION :=3 LAKE :=LAKE BLOOMINGTON
 DISTRICT :=13 YEAR :=96
 ACREAGE :434 SAMPLING RATIO :=544/2772 = 19.6%
 RATIO OF EFFORT HOURS INTERVIEWED := 4429.3/39752.3 = 11.2%
 NUMBER OF INTERVIEWS: 1338

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/03 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 03/15 TO 04/03 OF SECTION 2
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 2
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2

MSC SPECIES CAUGHT:

GSF FRD SBH YEB . NOP CAP GZS . FCF WHB YEP

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLC	.041	.019-.062 (53 %)	2920	1765-4074 (40 %)	11.38	4.61
BLG	.140	.033-.197 (41 %)	7664	5260-10063 (31 %)	29.97	12.09
CCF	.002	+- .005 (103 %)	119	+-230 (135 %)	.47	.19
LMB	.003	.000-.006 (31 %)	230	.67-393 (71 %)	.90	.36
RSF	.000	+- .000 (223 %)	6	+-21 (223 %)	.02	.01
SMB	.000	+- .000 (170 %)	15	+-41 (167 %)	.06	.03
WAE	.004	.002-.006 (45 %)	396	239-554 (40 %)	1.54	.63
WHC	.139	.100-.178 (23 %)	10196	8019-12373 (21 %)	39.74	16.03
YLB	.043	.016-.070 (63 %)	1647	1022-2273 (38 %)	6.42	2.60
MSC	.017	.010-.024 (40 %)	1145	716-1573 (37 %)	4.46	1.81
TOT	.390	.309-.472 (21 %)	24340	20198-23431 (17 %)	94.96	38.39

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLC	.008	.004-.012 (47 %)	634	372-897 (41 %)	2.472	217.2
BLG	.016	.010-.023 (41 %)	859	592-1126 (31 %)	3.347	112.1
CCF	.002	+- .004 (103 %)	111	+-254 (130 %)	.431	925.8
LMB	.004	+- .007 (102 %)	263	.36-490 (36 %)	1.024	1141.8
RSF	.000	+- .000 (223 %)	6	+-2 (223 %)	.003	112.1
SMB	.000	+- .000 (204 %)	39	+-117 (201 %)	.152	2531.5
WAE	.004	.000-.007 (75 %)	298	167-429 (44 %)	1.160	750.7
WHC	.027	.020-.034 (26 %)	2042	1619-2465 (21 %)	7.959	200.3
YLB	.006	.003-.009 (46 %)	246	173-313 (30 %)	.957	149.1
MSC	.006	.003-.009 (53 %)	346	152-541 (56 %)	1.350	302.5
TOT	.073	.060-.085 (18 %)	4337	4039-5636 (16 %)	18.954	198.8

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLC	.019	.010-.027 (47 %)	1398	819-1977 (41 %)	2.205	.4789
BLG	.035	.021-.050 (41 %)	1893	1305-2492 (31 %)	2.986	.2470
CCF	.004	+- .009 (103 %)	244	+-561 (130 %)	.395	2.0410
LMB	.003	+- .016 (102 %)	579	.79-1080 (36 %)	.914	2.5172
RSF	.000	+- .000 (223 %)	2	+-5 (223 %)	.002	.2471
SMB	.000	+- .001 (204 %)	66	+-259 (201 %)	.136	5.5809
WAE	.003	.002-.015 (75 %)	456	368-944 (44 %)	1.035	1.6550
WHC	.059	.044-.075 (26 %)	4502	3570-5433 (21 %)	7.100	.4415
YLB	.013	.007-.019 (46 %)	542	382-702 (30 %)	.954	.3287
MSC	.012	.006-.019 (53 %)	763	335-1192 (56 %)	1.204	.6670
TOT	.160	.131-.183 (18 %)	10665	8905-12424 (16 %)	16.921	.4382

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=3 LAKE :=LAKE BLOOMINGTON
 DISTRICT :=13 YEAR :=93
 ACREAGE :=334 SAMPLING RATIO :=544/2772 = 19.6%
 RATIO OF EFFORT HOURS INTERVIEWED := 4429.3/39752.3 = 11.29%
 NUMBER OF INTERVIEWS: 1333

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/03 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 03/15 TO 04/03 OF SECTION 2
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 2
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2

MSC SPECIES CAUGHT:
 GSF FFD SBH YES . NOP CAP GZS . FCF WHS YEP
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLC	.028	.016-.157 (81 %)	5339	2303-8375 (57 %)	20.81	8.42
BLG	.312	.195-.440 (41 %)	15348	11773-19713 (26 %)	61.77	25.00
CCF	.006	.000-.012 (92 %)	236	45-423 (91 %)	.92	.37
LMB	.291	.243-.333 (15 %)	21024	14029-26019 (24 %)	81.94	33.16
RSF	.000	+-0.000 (223 %)	6	+-21 (223 %)	.02	.01
SMB	.004	.001-.003 (76 %)	297	114-459 (60 %)	1.12	.45
WAE	.050	.038-.063 (25 %)	3737	2819-4656 (25 %)	14.57	5.90
WHC	.219	.160-.277 (27 %)	15783	12145-19430 (23 %)	61.53	24.90
YLB	.119	.085-.154 (29 %)	6597	5092-8102 (23 %)	25.71	10.41
MSC	.077	.053-.093 (27 %)	4234	3249-5220 (23 %)	16.50	6.63
TOT	1.166	.967-1.366 (17 %)	73097	62205-83938 (15 %)	234.89	115.29

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLC	.010	.005-.016 (48 %)	800	434-1145 (46 %)	3.117	149.3
BLG	.026	.013-.036 (39 %)	1353	994-1722 (27 %)	5.292	85.7
CCF	.003	.000-.005 (86 %)	128	+-272 (112 %)	.499	542.7
LMB	.123	.099-.146 (19 %)	7617	6053-9176 (20 %)	29.637	362.3
RSF	.000	+-0.000 (223 %)	6	+-2 (223 %)	.003	112.1
SMB	.002	.000-.003 (79 %)	137	45-234 (63 %)	.543	485.9
WAE	.017	.013-.022 (23 %)	1277	972-1583 (24 %)	4.978	341.7
WHC	.035	.027-.043 (23 %)	2605	2116-3094 (19 %)	10.153	165.0
YLB	.014	.010-.018 (28 %)	755	603-908 (20 %)	2.944	114.5
MSC	.024	.016-.032 (33 %)	1301	943-1654 (27 %)	5.069	307.2
TOT	.254	.221-.287 (13 %)	15931	13792-18170 (14 %)	62.284	218.6

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLC	.023	.012-.034 (43 %)	1763	953-2537 (46 %)	2.731	.3303
BLG	.053	.035-.080 (37 %)	2993	2191-3795 (27 %)	4.721	.1889
CCF	.006	.000-.010 (86 %)	292	+-599 (112 %)	.446	1.1964
LMB	.271	.219-.322 (19 %)	16792	13356-20227 (20 %)	26.487	.7787
RSF	.000	+-0.000 (223 %)	2	+-5 (223 %)	.002	.2471
SMB	.004	.000-.007 (79 %)	307	99-515 (68 %)	.484	1.0713
WAE	.039	.028-.049 (28 %)	2816	2142-3489 (24 %)	4.441	.7534
WHC	.077	.060-.094 (23 %)	5743	4665-6922 (19 %)	9.059	.3633
YLB	.031	.023-.040 (23 %)	1665	1329-2002 (20 %)	2.626	.2524
MSC	.053	.035-.070 (33 %)	2867	2089-3645 (27 %)	4.523	.6772
TOT	.560	.483-.633 (13 %)	35231	30405-40053 (14 %)	55.570	.4820

TABLE BLOOMINGTON 1996 FINAL REPORT

DAYTIME DATA FOR LAKE=LAKE BLOOMINGTON CREEL BEGUN IN YEAR=96

SECTION 1 FROM	03/15	TO	04/08
SECTION 1 FROM	04/09	TO	04/30
SECTION 1 FROM	05/01	TO	05/31
SECTION 1 FROM	06/01	TO	06/15
SECTION 1 FROM	06/16	TO	08/31
SECTION 1 FROM	09/01	TO	09/30
SECTION 1 FROM	10/01	TO	10/31
SECTION 2 FROM	03/15	TO	04/08
SECTION 2 FROM	04/09	TO	04/30
SECTION 2 FROM	05/01	TO	05/31
SECTION 2 FROM	06/01	TO	06/15
SECTION 2 FROM	06/16	TO	08/31
SECTION 2 FROM	09/01	TO	09/30
SECTION 2 FROM	10/01	TO	10/31

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	3.7	3.5 - 3.9 (5%)	.3	8.7	280
SHORE	1.6	1 - 2.2 (37%)	.6	3.8	13
BOAT & SHORE	3.6	3.4 - 3.8 (6%)	.3	8.7	293

195 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS

25% OF ALL 1173 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED IN MILES	18.5	17.4 - 19.6 (6%)	1	240	1009
SUCCESS RATING 1-10?	3.9	3.8 - 4.1 (4%)	1	10	998

IS CATCH ILLEGAL?

CLERK NOTED 9 OUT OF 1173 INTERVIEWS HAD ILLEGAL CATCHES

# INTERVIEWS (AND %) PER SPECIES SOUGHT				PARTY SIZE VS. # INTERVIEWS			
				BOAT		SHORE	
ANY	286 (24.4%)	LMB	300 (25.6%)	1	296	1	144
CRP	425 (36.2%)	BLG	24 (2%)	2	414	2	179
SUN	3 (.3%)	CCF	28 (2.4%)	3	84	3	30
WAE	80 (6.8%)	NCP	1 (.1%)	4	14	4	4
YLB	1 (.1%)	CAT	15 (1.3%)	5	2	5	3
PAN	1 (.1%)	YEB	1 (.1%)	6	1	6	
CAP	1 (.1%)	SBH	1 (.1%)	7		7	
WHC	4 (.3%)	BSS	2 (.2%)	8		8	
				9		9	2
				10+		10+	

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=2 LAKE :=BRAIDWOOD LAKE
 DISTRICT :=10 YEAR :=96
 ACREAGE :2241 SAMPLING RATIO :=322/675 = 47.7%
 NUMBER OF INTERVIEWS:7987

YEAR PERIOD 03/01 TO 03/14 OF SECTION 1
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/11 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD
BOAT FISHING:					
WEEKDAY	40733	36321-45145 (11%)	18	16-20 (11%)	13.51
WKND/HOL	60087	51914-68260 (14%)	27	23-30 (14%)	45.50
STR TOTAL	100820	92933-108707 (8%)	45	41-49 (8%)	32.58
SHORE FISHING:					
WEEKDAY	19133	16887-21379 (12%)	9	8-10 (12%)	10.58
WKND/HOL	24700	19900-29500 (19%)	11	9-13 (19%)	25.58
STR TOTAL	43833	39278-48388 (10%)	20	18-22 (10%)	19.03
BOAT/SHORE COALESCED:					
WEEKDAY	59749	53450-66048 (11%)	27	24-29 (11%)	12.60
WKND/HOL	83736	71372-96100 (15%)	37	32-43 (15%)	40.19
STR TOTAL	143485	131671-155299 (8%)	64	59-69 (8%)	28.70
BOAT/SHORE STRATIFIED:					
WEEKDAY	59868	54956-64780 (8%)	27	25-29 (8%)	12.57
WKND/HOL	84789	76777-92801 (9%)	38	34-41 (9%)	39.70
STR TOTAL	144657	135931-153383 (6%)	65	61-68 (6%)	28.47

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=2 LAKE :=BRAIDWOOD LAKE
 DISTRICT :=10 YEAR :=96
 ACREAGE :2241 SAMPLING RATIO :=644/1350 = 47.7%
 RATIO OF EFFORT HOURS INTERVIEWED := 41134.8/144659.4 = 28.47%
 NUMBER OF INTERVIEWS: 7987

COMBINED ACROSS STRATA:

YEAR PERIOD 03/01 TO 03/14 OF SECTION 1
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/11 OF SECTION 1

MSC SPECIES CAUGHT:
 LMB CCF SMB BLG BLC WAE STB TGM WHC G2S
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLB	.000	+- .000 (242 %)	8	+-27 (249 %)	.00	.00
CAP	.001	+- .003 (131 %)	106	7-205 (93 %)	.12	.05
FCF	.000	+- .000 (123 %)	36	-71 (99 %)	.04	.02
FRD	.001	.000-.003 (99 %)	65	20-109 (69 %)	.07	.03
GOR		*** NOT RECORDED ***		*** NOT RECORDED ***		
ORS		*** NOT RECORDED ***		*** NOT RECORDED ***		
ROB	.000	+- .000 (171 %)	27	+-65 (143 %)	.03	.01
YEB		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEP		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC	.056	.040-.071 (28 %)	5365	4164-6567 (22 %)	5.92	2.40
TOT	.059	.043-.075 (27 %)	5606	4393-6819 (22 %)	6.18	2.50

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AUG WT(G)
BLB	.000	+- .000 (304 %)		+-1 (254 %)	.000	43.5
CAP	.000	+- .002 (170 %)	56	+-113 (100 %)	.062	533.6
FCF	.000	+- .000 (104 %)	48	-94 (98 %)	.053	1337.1
FRD	.000	+- .001 (162 %)	28	+-80 (183 %)	.031	437.3
GOR		*** NOT RECORDED ***		*** NOT RECORDED ***		
ORS		*** NOT RECORDED ***		*** NOT RECORDED ***		
ROB	.000	+- .000 (159 %)	8	+-20 (145 %)	.009	303.3
YEB		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEP		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC	.015	.011-.019 (26 %)	1935	1554-2316 (20 %)	2.134	360.7
TOT	.017	.012-.022 (28 %)	2076	1676-2476 (19 %)	2.289	370.3

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AUG WT(LB)
BLB	.000	+- .000 (304 %)		+-3 (254 %)	.000	.0959
CAP	.002	+- .005 (170 %)	125	+-249 (100 %)	.056	1.1764
FCF	.000	+- .002 (104 %)	105	2-208 (98 %)	.047	2.9478
FRD	.000	+- .002 (162 %)	62	+-177 (183 %)	.028	.9640
GOR		*** NOT RECORDED ***		*** NOT RECORDED ***		
ORS		*** NOT RECORDED ***		*** NOT RECORDED ***		
ROB	.000	+- .000 (159 %)	18	+-44 (145 %)	.008	.6688
YEB		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEP		*** NOT RECORDED ***		*** NOT RECORDED ***		
MSC	.034	.025-.043 (26 %)	4266	3427-5106 (20 %)	1.904	.7951
TOT	.038	.027-.049 (28 %)	4577	3695-5458 (19 %)	2.042	.8164

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=2 LAKE :=BRAIDWOOD LAKE
 DISTRICT :=10 YEAR :=96
 ACREAGE :=2241 SAMPLING RATIO :=644/1350 = 47.7%
 RATIO OF EFFORT HOURS INTERVIEWED := 41184.8/144659.4 = 28.47%
 NUMBER OF INTERVIEWS: 7987

COMBINED ACROSS STRATA:

YEAR PERIOD 03/01 TO 03/14 OF SECTION 1
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/11 OF SECTION 1

MSC SPECIES CAUGHT:
 CAP BLB FCF FRD ROB YEP GZS ORS YEB GOR
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLC	.000	+- .000 (135 %)	42	+-109 (157 %)	.05	.02
BLG	.012	.006-.019 (52 %)	1310	681-1940 (48 %)	1.44	.59
CCF	.036	.023-.049 (37 %)	2973	2102-3845 (29 %)	3.28	1.33
LMB	.006	.002-.010 (62 %)	745	547-942 (27 %)	.82	.33
SMB	.000	.000-.000 (93 %)	89	22-154 (75 %)	.10	.04
STB	.000	.000-.000 (72 %)	41	12-69 (70 %)	.04	.02
TGM		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAE	.000	+- .000 (112 %)	22	+-44 (102 %)	.02	.01
WHC	.000	+- .002 (218 %)	144	+-369 (157 %)	.16	.07
MSC	.003	.001-.005 (65 %)	241	124-358 (48 %)	.27	.11
TOT	.059	.043-.075 (27 %)	5606	4393-6819 (22 %)	6.18	2.50

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLC	.000	+- .000 (120 %)	11	+-27 (144 %)	.012	255.8
BLG	.000	.000-.000 (46 %)	77	40-114 (49 %)	.035	58.8
CCF	.008	.005-.011 (37 %)	863	587-1139 (32 %)	.952	290.3
LMB	.005	.003-.008 (46 %)	763	576-951 (25 %)	.842	1024.8
SMB	.000	.000-.000 (95 %)	102	24-180 (77 %)	.112	1156.6
STB	.000	.000-.000 (68 %)	42	15-70 (65 %)	.047	1047.5
TGM		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAE	.000	+- .000 (118 %)	30	+-63 (111 %)	.033	1357.1
WHC	.000	+- .000 (166 %)	47	+-110 (135 %)	.052	325.1
MSC	.002	.000-.003 (95 %)	141	63-219 (55 %)	.155	584.8
TOT	.017	.012-.022 (28 %)	2076	1676-2476 (19 %)	2.289	370.3

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLC	.000	+- .000 (120 %)	24	+-58 (144 %)	.011	.5640
BLG	.001	.000-.002 (46 %)	170	87-252 (49 %)	.076	.1296
CCF	.018	.012-.025 (37 %)	1903	1294-2511 (32 %)	.849	.6399
LMB	.012	.006-.017 (46 %)	1683	1270-2096 (25 %)	.751	2.2593
SMB	.001	.000-.002 (95 %)	225	52-397 (77 %)	.100	2.5498
STB	.000	.000-.001 (68 %)	94	33-155 (65 %)	.042	2.3093
TGM		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAE	.000	+- .000 (118 %)	66	+-139 (111 %)	.029	2.9918
WHC	.000	+- .001 (166 %)	103	+-242 (135 %)	.046	.7167
MSC	.004	.000-.007 (95 %)	311	138-483 (55 %)	.139	1.2893
TOT	.038	.027-.049 (28 %)	4577	3695-5458 (19 %)	2.042	.8164

CAUGHT AND CPUE TABLE

*** DAY ***

REGION :=2 LAKE :=BRAIDWOOD LAKE
 DISTRICT :=10 YEAR :=96
 ACREAGE :=2241 SAMPLING RATIO :=644/1350 = 47.7%
 RATIO OF EFFORT HOURS INTERVIEWED := 41184.8/144659.4 = 28.47%
 NUMBER OF INTERVIEWS: 7987

COMBINED ACROSS STRATA:

YEAR PERIOD 03/01 TO 03/14 OF SECTION 1
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/11 OF SECTION 1

MSC SPECIES CAUGHT:

CAP BLB FCF FRD ROB YEP GZS ORS YEB GOR

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLC	.000	.000-.000 (87 %)	67	+135 (100 %)	.07	.03
BLG	.049	.037-.061 (25 %)	4678	3709-5647 (21 %)	5.16	2.09
CCF	.264	.223-.304 (15 %)	28997	25746-32248 (11 %)	31.97	12.94
LMB	.244	.199-.288 (18 %)	36591	32829-40353 (10 %)	40.35	16.33
SMB	.038	.009-.067 (76 %)	3096	2409-3784 (22 %)	3.41	1.38
STB	.005	.002-.007 (54 %)	507	331-683 (35 %)	.56	.23
TGM	.000	.000-.001 (63 %)	176	58-294 (67 %)	.19	.08
WAE	.000	+-0.002 (119 %)	166	+400 (141 %)	.18	.08
WHC	.002	+-0.004 (127 %)	320	122-518 (62 %)	.35	.14
MSC	.012	.007-.016 (36 %)	1297	1030-1564 (21 %)	1.43	.56
TOT	.614	.552-.676 (10 %)	75896	70484-81308 (7 %)	83.68	33.87

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLC	.000	.000-.000 (93 %)	16	-33 (100 %)	.018	243.4
BLG	.002	.002-.003 (28 %)	226	173-278 (23 %)	.249	48.2
CCF	.035	.028-.041 (19 %)	4079	3580-4578 (12 %)	4.498	140.7
LMB	.124	.103-.145 (17 %)	19793	17771-21815 (10 %)	21.825	540.9
SMB	.012	.003-.022 (78 %)	1317	1028-1605 (22 %)	1.452	425.2
STB	.002	.000-.003 (66 %)	209	117-301 (44 %)	.230	411.9
TGM	.000	.000-.000 (55 %)	79	17-141 (78 %)	.087	449.7
WAE	.000	.000-.000 (71 %)	77	27-127 (65 %)	.085	463.0
WHC	.000	.000-.000 (95 %)	88	28-148 (68 %)	.097	274.4
MSC	.004	.002-.006 (50 %)	484	364-604 (25 %)	.534	373.3
TOT	.180	.153-.203 (13 %)	26368	24147-28589 (8 %)	29.074	347.4

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLC	.000	.000-.000 (93 %)	36	-72 (100 %)	.016	.5367
BLG	.005	.003-.006 (28 %)	498	382-613 (23 %)	.222	1.063
CCF	.077	.063-.091 (19 %)	8993	7893-10093 (12 %)	4.013	.3101
LMB	.273	.227-.319 (17 %)	43636	39179-48094 (10 %)	19.472	1.1925
SMB	.027	.006-.047 (78 %)	2902	2267-3538 (22 %)	1.295	.9373
STB	.004	.002-.007 (66 %)	460	258-663 (44 %)	.205	.9081
TGM	.000	.000-.000 (55 %)	175	38-311 (78 %)	.078	.9915
WAE	.000	.000-.002 (71 %)	170	59-281 (65 %)	.076	1.0207
WHC	.000	.000-.002 (95 %)	194	61-326 (68 %)	.086	.6050
MSC	.009	.005-.014 (50 %)	1067	803-1332 (25 %)	.476	.8230
TOT	.397	.347-.447 (13 %)	58131	53234-63028 (8 %)	25.940	.7659

CAUGHT AND CPUE TABLE

*** DAY ***

REGION :=2 LAKE :=BRAIDWOOD LAKE
 DISTRICT :=10 YEAR :=96
 ACREAGE :2241 SAMPLING RATIO :=644/1350 = 47.7%
 RATIO OF EFFORT HOURS INTERVIEWED := 41184.8/144659.4 = 28.47%
 NUMBER OF INTERVIEWS: 7987

COMBINED ACROSS STRATA:

YEAR PERIOD 03/01 TO 03/14 OF SECTION 1
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/11 OF SECTION 1

MSC SPECIES CAUGHT:

LMB CCF SMB BLG BLC WAE STB TGM WHC G2S

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLB	.000	+- .002 (108 %)	124	35-213 (72 %)	.14	.06
CAP	.004	.002-.006 (54 %)	591	410-772 (31 %)	.65	.27
FCF	.000	+- .000 (102 %)	60	19-101 (69 %)	.07	.03
FRD	.005	.002-.007 (53 %)	340	219-460 (35 %)	.37	.15
GOR	.000	+- .000 (245 %)	2	+ -7 (245 %)	.00	.00
ORS	.000	(0 %)	1	(0 %)	.00	.00
ROB	.002	.000-.003 (69 %)	152	55-250 (64 %)	.17	.07
YEB	.000	+- .000 (278 %)	2	+ -9 (278 %)	.00	.00
YEP	.000	+- .000 (243 %)	13	+ -41 (223 %)	.01	.00
MSC	.603	.542-.663 (10 %)	74611	69268-79954 (7 %)	82.27	33.30
TOT	.614	.552-.676 (10 %)	75896	70484-81308 (7 %)	83.68	33.87

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)		
BLB	.000	.000-.000	(93 %)	12	4-20	(66 %)	.013	97.0
CAP	.002	.000-.004	(84 %)	267	178-355	(33 %)	.294	451.4
FCF	.000	.000-.000	(91 %)	61	12-111	(81 %)	.068	1028.9
FRD	.002	.000-.003	(82 %)	103	47-159	(55 %)	.114	303.6
GOR	.000	+-.000	(245 %)	3	+10	(245 %)	.003	1309.0
ORS	+		(0 %)			(0 %)	.000	23.4
ROB	.000	+- .000	(105 %)	34	+74	(116 %)	.038	223.4
YEB	.000	+- .000	(278 %)		+- .58581	(278 %)	.000	64.6
YEP	.000	+- .000	(243 %)	1	+4	(223 %)	.001	89.5
MSC	.176	.153-.198	(13 %)	25886	23692-28081	(8 %)	29.543	347.0
TOT	.180	.158-.203	(13 %)	26368	24147-28589	(8 %)	29.074	347.4

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)		
BLB	.000	.000-.000	(93 %)	27	9-44	(66 %)	.012	.2139
CAP	.004	.000-.008	(84 %)	588	393-783	(33 %)	.263	.9952
FCF	.000	.000-.002	(91 %)	135	26-244	(81 %)	.060	2.2684
FRD	.003	.000-.006	(82 %)	227	103-351	(55 %)	.101	.6693
GOR	.000	+- .000	(245 %)	6	+ -21	(245 %)	.003	2.8859
ORS	+		(0 %)			(0 %)	.000	.0517
ROB	.000	+- .001	(105 %)	75	+ -162	(116 %)	.034	.4926
YEB	.000	+- .000	(278 %)		+ -1	(278 %)	.000	.1425
YEP	.000	+- .000	(243 %)	2	+ -8	(223 %)	.001	.1972
MSC	.388	.338-.437	(13 %)	57069	52231-61908	(8 %)	25.466	.7649
TOT	.397	.347-.447	(13 %)	58131	53234-63028	(8 %)	25.940	.7659

TABLE BRAIDWOOD LAKE 1996 FINAL REPORT
DAYTIME DATA FOR LAKE=BRAIDWOOD LAKE CREEL BEGUN IN YEAR=96

SECTION 1 FROM 03/01 TO 03/14
SECTION 1 FROM 03/15 TO 04/08
SECTION 1 FROM 04/09 TO 04/30
SECTION 1 FROM 05/01 TO 05/31
SECTION 1 FROM 06/01 TO 06/15
SECTION 1 FROM 06/16 TO 08/31
SECTION 1 FROM 09/01 TO 09/30
SECTION 1 FROM 10/01 TO 10/11

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	4.9	4.9 - 5 (1%)	.5	13.6	3419
SHORE	3	2.9 - 3.1 (4%)	.3	12.9	1090
BOAT & SHORE	4.5	4.4 - 4.5 (1%)	.3	13.6	4509

3036 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS
87.5% OF ALL 5151 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED IN MILES	37.6	37 - 38.2 (2%)	1	300	4987
SUCCESS RATING 1-10?	3.9	3.8 - 4 (2%)	1	10	4952

IS CATCH ILLEGAL?

CLERK NOTED 42 OUT OF 5151 INTERVIEWS HAD ILLEGAL CATCHES

INTERVIEWS (AND %) PER SPECIES SOUGHT

ANY 2448 (47.5%)	BSS 338 (6.6%)
SMB 38 (.7%)	LMB 2064 (40.1%)
CCF 177 (3.4%)	WAE 28 (.5%)
WHC 11 (.2%)	BLC 7 (.1%)
CRP 6 (.1%)	BLB 2 (0%)
CAT 3 (.1%)	BLG 19 (.4%)
MOR 1 (0%)	SBH 1 (0%)
MUE 1 (0%)	STB 5 (.1%)
TGM 2 (0%)	

PARTY SIZE VS. # INTERVIEWS

BOAT	SHORE
1 644	1 564
2 2138	2 788
3 557	3 212
4 123	4 79
5 14	5 18
6 4	6 6
7 1	7 3
8	8
9	9
10+	10+

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=1 LAKE :=LAKE CARROLL
 DISTRICT :=01 YEAR :=96
 ACREAGE :636 SAMPLING RATIO :=222/1236 = 17.9%
 NUMBER OF INTERVIEWS:270

YEAR PERIOD 04/09 TO 04/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 2
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD
BOAT FISHING:					
WEEKDAY	6800	4841-8759 (29%)	11	8-14 (29%)	3.8
WKND/HOL	4339	3124-5554 (28%)	7	5-9 (28%)	6.43
STR TOTAL	11139	8873-13405 (20%)	18	14-21 (20%)	4.82
SHORE FISHING:					
WEEKDAY	2967	1682-4252 (43%)	5	3-7 (43%)	2.59
WKND/HOL	2216	1709-2723 (23%)	3	3-4 (23%)	7.60
STR TOTAL	5183	3811-6555 (26%)	8	6-10 (26%)	4.73
BOAT/SHORE COALESCED:					
WEEKDAY	9703	6988-12418 (28%)	15	11-20 (28%)	3.45
WKND/HOL	6469	4978-7960 (23%)	10	8-13 (23%)	6.92
STR TOTAL	16172	13117-19227 (19%)	25	21-30 (19%)	4.84
BOAT/SHORE STRATIFIED:					
WEEKDAY	9769	7462-12076 (24%)	15	12-19 (24%)	3.43
WKND/HOL	6555	5255-7855 (20%)	10	8-12 (20%)	6.83
STR TOTAL	16324	13704-18944 (16%)	26	22-30 (16%)	4.79

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=1 LAKE :=LAKE CARROLL
 DISTRICT :=01 YEAR :=96
 ACREAGE :=636 SAMPLING RATIO :=444/2472 = 17.9%
 RATIO OF EFFORT HOURS INTERVIEWED := 782.5/16327.5 = 4.79%
 NUMBER OF INTERVIEWS: 270

COMBINED ACROSS STRATA:

YEAR PERIOD 04/09 TO 04/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 2
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2

MSC SPECIES CAUGHT:
 CCF CAP TGM
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVST	95% CI	#/HA	#/ACRE
BLC	.134	.040-.227 (70 %)	3937	2279-5596 (42 %)	15.30	6.19
BLG	.049	+.101 (105 %)	1430	214-2646 (85 %)	5.56	2.25
LMB	.002	.000-.004 (99 %)	96	18-174 (81 %)	.37	.15
MUE		*** NOT RECORDED ***		*** NOT RECORDED ***		
SMB	.004	.000-.007 (96 %)	126	2-250 (98 %)	.49	.20
WAE	.015	.008-.022 (49 %)	610	240-979 (61 %)	2.37	.96
WHB	.013	.002-.024 (84 %)	575	151-999 (74 %)	2.23	.91
WHC	.037	+.074 (102 %)	1018	178-1859 (83 %)	3.96	1.60
YEP	.012	+.029 (131 %)	176	10-342 (94 %)	.68	.28
MSC	.052	.020-.083 (61 %)	1312	509-2114 (61 %)	5.10	2.06
TOT	.317	.182-.452 (43 %)	9280	6379-12180 (31 %)	36.05	14.59

SPEC	KG/HR	95% CI	KG HARVST	95% CI	KG/HA	AVG WT(G)
BLC	.032	.014-.051 (58 %)	898	544-1252 (39 %)	3.489	228.1
BLG	.006	+.012 (116 %)	161	39-282 (76 %)	.624	112.3
LMB	.002	.000-.003 (93 %)	87	17-158 (81 %)	.339	911.5
MUE		*** NOT RECORDED ***		*** NOT RECORDED ***		
SMB	.003	.000-.006 (92 %)	105	7-204 (94 %)	.409	834.4
WAE	.013	.007-.020 (48 %)	480	216-744 (55 %)	1.866	787.8
WHB	.008	.000-.015 (92 %)	330	47-614 (86 %)	1.284	574.6
WHC	.010	+.023 (118 %)	286	72-499 (75 %)	1.111	280.7
YEP	.002	+.004 (128 %)	23	-44 (96 %)	.088	128.3
MSC	.065	.010-.120 (84 %)	1400	430-2370 (69 %)	5.439	1067.3
TOT	.141	.080-.202 (43 %)	3770	2579-4962 (32 %)	14.648	406.3

SPEC	LB/HR	95% CI	LB HARVST	95% CI	LB/ACRE	AVG WT(LB)
BLC	.071	.030-.112 (58 %)	1980	1200-2759 (39 %)	3.113	.5029
BLG	.012	+.026 (116 %)	354	86-622 (76 %)	.557	.2477
LMB	.004	.000-.007 (93 %)	192	37-348 (81 %)	.302	2.0095
MUE		*** NOT RECORDED ***		*** NOT RECORDED ***		
SMB	.007	.000-.013 (92 %)	232	15-449 (94 %)	.365	1.8394
WAE	.030	.015-.044 (48 %)	1059	477-1640 (55 %)	1.665	1.7368
WHB	.017	.001-.033 (92 %)	729	104-1353 (86 %)	1.146	1.2668
WHC	.023	+.050 (118 %)	630	160-1101 (75 %)	.991	.6188
YEP	.004	+.008 (128 %)	50	2-98 (96 %)	.078	.2829
MSC	.144	.023-.265 (84 %)	3086	948-5225 (69 %)	4.853	2.3531
TOT	.311	.176-.445 (43 %)	8312	5685-10939 (32 %)	13.069	.8957

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=1 LAKE :=LAKE CARROLL
 DISTRICT :=01 YEAR :=96
 ACREAGE :636 SAMPLING RATIO :=444/2472 = 17.9%
 RATIO OF EFFORT HOURS INTERVIEWED := 782.5/16327.5 = 4.79%
 NUMBER OF INTERVIEWS: 270

COMBINED ACROSS STRATA:

YEAR PERIOD 04/09 TO 04/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 2
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2

MSC SPECIES CAUGHT:
 BLC YEP WHC WAE SMB WHB LMB BLG MUE
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVST	95% CI	#/HA	#/ACRE
CAP	.002	+-.006 (154 %)	49	+143 (189 %)	.19	.08
CCF	.049	.017-.080 (65 %)	1232	434-2030 (65 %)	4.79	1.94
TGM	.000	+-.002 (214 %)	30	+96 (215 %)	.12	.05
MSC	.266	.133-.398 (50 %)	7968	5155-10781 (35 %)	30.96	12.53
TOT	.317	.182-.452 (43 %)	9280	6379-12180 (31 %)	36.05	14.59

SPEC	KG/HR	95% CI	KG HARVST	95% CI	KG/HA	AUG WT(G)
CAP	.000	+-.003 (184 %)	15	+39 (168 %)	.057	295.4
CCF	.064	.009-.119 (86 %)	1371	401-2341 (71 %)	5.328	1113.3
TGM	.000	+-.000 (215 %)	14	+44 (215 %)	.055	461.9
MSC	.076	.045-.107 (41 %)	2370	1640-3101 (31 %)	9.209	297.5
TOT	.141	.080-.202 (43 %)	3770	2579-4962 (32 %)	14.648	406.3

SPEC	LB/HR	95% CI	LB HARVST	95% CI	LB/ACRE	AUG WT(LB)
CAP	.002	+-.006 (184 %)	32	+86 (168 %)	.051	.6513
CCF	.141	.020-.262 (86 %)	3023	884-5162 (71 %)	4.753	2.4545
TGM	.000	+-.002 (215 %)	31	+98 (215 %)	.049	1.0183
MSC	.167	.098-.235 (41 %)	5226	3615-6836 (31 %)	8.216	.6558
TOT	.311	.176-.445 (43 %)	8312	5685-10939 (32 %)	13.069	.8957

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=1 LAKE :=LAKE CARROLL
 DISTRICT :=01 YEAR :=96
 ACREAGE :=636 SAMPLING RATIO :=444/2472 = 17.9%
 RATIO OF EFFORT HOURS INTERVIEWED := 782.5/16327.5 = 4.79%
 NUMBER OF INTERVIEWS: 270

COMBINED ACROSS STRATA:

YEAR PERIOD 04/09 TO 04/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 2
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2

MSC SPECIES CAUGHT:
 CCF CAP TGM
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLC	.190	.090-.289 (52 %)	5491	3431-7551 (38 %)	21.33	8.64
BLG	.174	.032-.317 (82 %)	4734	915-8552 (81 %)	18.39	7.44
LMB	.083	.042-.123 (49 %)	2722	1455-3988 (47 %)	10.57	4.28
MUE	.000	+- .001 (208 %)	27	+-76 (177 %)	.11	.05
SMB	.107	.066-.148 (38 %)	3530	2088-4973 (41 %)	13.72	5.55
WAE	.242	.149-.334 (38 %)	11236	5971-16501 (47 %)	43.65	17.67
WHB	.027	.012-.041 (55 %)	1205	549-1860 (54 %)	4.68	1.90
WHC	.039	.000-.076 (98 %)	1043	198-1887 (81 %)	4.05	1.64
YEP	.016	+- .033 (102 %)	231	34-428 (85 %)	.90	.37
MSC	.095	.032-.158 (66 %)	3144	732-5556 (77 %)	12.21	4.95
TOT	.972	.717-1.227 (26 %)	33362	24698-42027 (26 %)	129.62	52.46

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLC	.039	.019-.059 (52 %)	1054	670-1439 (36 %)	4.096	192.0
BLG	.011	.001-.021 (87 %)	311	75-547 (76 %)	1.210	65.8
LMB	.031	.015-.048 (52 %)	1150	561-1740 (51 %)	4.470	422.7
MUE	.000	+- .000 (159 %)	7	+-21 (200 %)	.028	257.7
SMB	.040	.024-.056 (41 %)	1325	692-1958 (48 %)	5.148	375.3
WAE	.085	.055-.115 (35 %)	3885	2220-5551 (43 %)	15.095	345.8
WHB	.013	.005-.021 (64 %)	516	204-828 (60 %)	2.005	423.3
WHC	.011	+- .023 (114 %)	288	74-502 (74 %)	1.120	276.4
YEP	.002	+- .004 (109 %)	26	3-49 (89 %)	.100	111.2
MSC	.080	.021-.139 (74 %)	1990	794-3187 (60 %)	7.733	633.1
TOT	.312	.232-.393 (26 %)	10554	7947-13161 (25 %)	41.004	316.3

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLC	.086	.041-.131 (52 %)	2324	1477-3171 (36 %)	3.654	.4233
BLG	.025	.003-.046 (87 %)	686	166-1207 (76 %)	1.079	.1450
LMB	.069	.033-.105 (52 %)	2536	1237-3836 (51 %)	3.988	.9319
MUE	.000	+- .000 (159 %)	16	+-47 (200 %)	.025	.5681
SMB	.088	.052-.124 (41 %)	2921	1526-4317 (48 %)	4.593	.8275
WAE	.187	.122-.253 (35 %)	8566	4894-12237 (43 %)	13.468	.7624
WHB	.029	.010-.047 (64 %)	1138	450-1825 (60 %)	1.789	.9443
WHC	.024	+- .051 (114 %)	636	164-1107 (74 %)	.999	.6094
YEP	.004	+- .009 (109 %)	57	6-107 (89 %)	.089	.2452
MSC	.176	.046-.306 (74 %)	4388	1750-7026 (60 %)	6.900	1.3958
TOT	.688	.511-.865 (26 %)	23268	17521-29014 (25 %)	36.584	.6974

CAUGHT AND CPUE TABLE

*** DAY ***

REGION :=1

LAKE :=LAKE CARROLL

DISTRICT :=01

YEAR :=96

ACREAGE :636

SAMPLING RATIO :=444/2472 = 17.9%

RATIO OF EFFORT HOURS INTERVIEWED := 782.5/16327.5 = 4.79%

NUMBER OF INTERVIEWS: 270

COMBINED ACROSS STRATA:

YEAR PERIOD 04/09 TO 04/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1 COALESCED WITH
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 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2

MSC SPECIES CAUGHT:

BLC YEP WHC WAE SMB WHB LMB BLG MUE

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
CAP	.018	+-.052 (188 %)	443	+-.1048 (137 %)	1.72	.70
CCF	.074	.027-.120 (63 %)	2541	223-4860 (91 %)	9.87	4.00
TGM	.003	.000-.006 (83 %)	159	10-309 (94 %)	.62	.25
MSC	.877	.627-1.127 (29 %)	30218	21796-38641 (28 %)	117.40	47.51
TOT	.972	.717-1.227 (26 %)	33362	24698-42027 (26 %)	129.62	52.46

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
CAP	.008	+-.022 (167 %)	209	+-.459 (119 %)	.814	472.7
CCF	.070	.015-.126 (79 %)	1707	614-2800 (64 %)	6.633	671.8
TGM	.001	.000-.003 (94 %)	74	+-.149 (102 %)	.287	463.1
MSC	.232	.173-.291 (25 %)	8564	6208-10919 (28 %)	33.271	283.4
TOT	.312	.232-.393 (26 %)	10554	7947-13161 (25 %)	41.004	316.3

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
CAP	.018	+-.048 (167 %)	462	+-.1012 (119 %)	.726	1.0422
CCF	.155	.033-.277 (79 %)	3764	1354-6174 (64 %)	5.918	1.4809
TGM	.003	.000-.006 (94 %)	163	+-.329 (102 %)	.256	1.0209
MSC	.512	.382-.643 (25 %)	18879	13687-24071 (28 %)	29.684	.6248
TOT	.688	.511-.865 (26 %)	23268	17521-29014 (25 %)	36.584	.6974

TABLE LAKE CARROLL 1996 DAY CREEL FINAL REPORT
DAYTIME DATA FOR LAKE=LAKE CARROLL CREEL BEGUN IN YEAR=96

SECTION 1 FROM 04/09 TO 04/30
SECTION 1 FROM 05/01 TO 05/31
SECTION 1 FROM 06/01 TO 06/15
SECTION 1 FROM 06/16 TO 08/31
SECTION 1 FROM 09/01 TO 09/30
SECTION 1 FROM 10/01 TO 10/31
SECTION 2 FROM 04/09 TO 04/30
SECTION 2 FROM 05/01 TO 05/31
SECTION 2 FROM 06/01 TO 06/15
SECTION 2 FROM 06/16 TO 08/31
SECTION 2 FROM 09/01 TO 09/30
SECTION 2 FROM 10/01 TO 10/31

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	2.2	1.8 - 2.7 (19%)	.7	5	26
SHORE	1.6	.9 - 2.2 (41%)	.3	4	15
BOAT & SHORE	2	1.6 - 2.4 (18%)	.3	5	41

0 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS
15.1% OF ALL 271 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED IN MILES	19.5	1.6 - 37.4 (92%)	1	40	6
SUCCESS RATING 1-10?	5.4	5 - 5.7 (7%)	1	10	259

IS CATCH ILLEGAL?

CLERK NOTED 7 OUT OF 271 INTERVIEWS HAD ILLEGAL CATCHES

# INTERVIEWS (AND %) PER SPECIES SOUGHT				PARTY SIZE VS. # INTERVIEWS			
				BOAT	SHORE		
ANY	184 (67.9%)	CRP	20 (7.4%)	1	38	1	49
WHC	4 (1.5%)	WAE	25 (9.2%)	2	84	2	33
CCF	14 (5.2%)	LMB	4 (1.5%)	3	38	3	10
BLC	9 (3.3%)	BSS	8 (3%)	4	9	4	7
SMB	1 (.4%)	WHB	1 (.4%)	5	1	5	
MUE	1 (.4%)			6	2	6	
				7		7	
				8		8	
				9		9	
				10+		10+	

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=5 LAKE :=EAST FORK LAKE
 DISTRICT :=23 YEAR :=96
 ACREAGE :934 SAMPLING RATIO :=360/1476 = 24.3%
 NUMBER OF INTERVIEWS:2072

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 2
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 2
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 2

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD
BOAT FISHING:					
WEEKDAY	25062	19646-30478 (22%)	27	21-33 (22%)	8.90
WKND/HOL	27849	24442-31256 (12%)	30	26-33 (12%)	24.53
STR TOTAL	52911	46892-58930 (11%)	57	50-63 (11%)	17.13
SHORE FISHING:					
WEEKDAY	3848	1712-5984 (56%)	4	2-6 (56%)	3.65
WKND/HOL	3431	2544-4318 (26%)	4	3-5 (26%)	8.17
STR TOTAL	7279	5073-9485 (30%)	8	5-10 (30%)	5.78
BOAT/SHORE COALESCED:					
WEEKDAY	28624	22987-34261 (20%)	31	25-37 (20%)	8.28
WKND/HOL	31016	27282-34750 (12%)	33	29-37 (12%)	22.93
STR TOTAL	59640	53217-66063 (11%)	64	57-71 (11%)	15.90
BOAT/SHORE STRATIFIED:					
WEEKDAY	28912	23373-34451 (19%)	31	25-37 (19%)	8.20
WKND/HOL	31280	27804-34756 (11%)	33	30-37 (11%)	22.73
STR TOTAL	60192	53957-66427 (10%)	64	58-71 (10%)	15.75

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=5 LAKE :=EAST FORK LAKE
 DISTRICT :=23 YEAR :=74
 ACREAGE :=934 SAMPLING RATIO :=720/2952 = 24.3%
 RATIO OF EFFORT HOURS INTERVIEWED := 9481.9/60194.7 = 15.75%
 NUMBER OF INTERVIEWS: 2072

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 2
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 2
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 2

MSC SPECIES CAUGHT:
 LOS WAM GZS FCF
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLC	.021	.012-.031 (45 %)	2316	1006-3626 (57 %)	6.13	2.48
BLG	.252	.193-.311 (23 %)	37927	27123-48725 (28 %)	100.34	40.61
CCF	.002	.000-.004 (95 %)	187	+-418 (123 %)	.50	.20
GSF	.000	+-0.000 (159 %)	30	+-63 (108 %)	.08	.03
LME	.005	.002-.008 (58 %)	675	360-991 (47 %)	1.79	.73
RSF	.010	.005-.016 (51 %)	1574	204-2944 (87 %)	4.16	1.69
WAE	.000	+-0.005 (419 %)	79	+-338 (394 %)	.21	.09
WMC	.114	.040-.189 (45 %)	12507	7379-17636 (41 %)	33.09	13.39
YEB	.003	+-0.003 (156 %)	145	+-378 (160 %)	.38	.16
MSC	.001	+-0.004 (143 %)	171	+-451 (163 %)	.45	.19
TOT	.411	.329-.493 (20 %)	55612	41229-69996 (26 %)	147.13	59.54

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLC	.003	.002-.005 (46 %)	397	116-678 (71 %)	1.049	171.2
BLG	.026	.020-.033 (25 %)	4020	2870-5170 (29 %)	10.635	104.0
CCF	.003	+-0.007 (115 %)	242	47-438 (81 %)	.641	122.9
GSF	.000	+-0.000 (168 %)	4	+-9 (115 %)	.011	131.5
LME	.006	.003-.010 (58 %)	850	426-1274 (50 %)	2.248	1258.1
RSF	.002	.000-.003 (58 %)	282	+-565 (100 %)	.746	179.1
WAE	.003	+-0.013 (421 %)	217	+-1111 (412 %)	.574	2765.0
WMC	.018	+-0.043 (141 %)	1731	1118-2344 (35 %)	4.530	139.4
YEB	.002	+-0.004 (171 %)	67	+-164 (146 %)	.176	459.9
MSC	.000	+-0.000 (155 %)	19	+-41 (123 %)	.049	108.1
TOT	.064	.046-.081 (27 %)	7928	6129-9528 (22 %)	20.710	140.3

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLC	.007	.004-.011 (46 %)	874	255-1494 (71 %)	.936	.3775
BLG	.058	.044-.073 (25 %)	8862	6328-11397 (29 %)	9.439	.2337
CCF	.007	+-0.016 (115 %)	534	104-965 (81 %)	.572	2.8500
GSF	.000	+-0.000 (168 %)	9	+-19 (115 %)	.009	.2299
LME	.014	.006-.022 (58 %)	1873	939-2808 (50 %)	2.006	2.7737
RSF	.004	.002-.006 (58 %)	622	+-1245 (100 %)	.666	.3949
WAE	.006	+-0.030 (421 %)	479	+-2450 (412 %)	.512	6.0957
WMC	.040	+-0.096 (141 %)	3817	2465-5169 (35 %)	4.087	.3052
YEB	.004	+-0.010 (171 %)	147	+-362 (146 %)	.157	1.0138
MSC	.000	+-0.001 (155 %)	41	+-91 (123 %)	.044	.2384
TOT	.140	.102-.179 (27 %)	17253	13511-21005 (22 %)	13.473	.3103

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=5 LAKE :=EAST FORK LAKE
 DISTRICT :=23 YEAR :=96
 ACREAGE :=934 SAMPLING RATIO :=720/2952 = 24.3%
 RATIO OF EFFORT HOURS INTERVIEWED := 7431.8/60174.7 = 15.75%
 NUMBER OF INTERVIEWS: 2072

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 2
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 2
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 2

MSC SPECIES CAUGHT:
 LMB BLC WHC BLG CCF RSF YEB GSF WAE
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
FCF	.000	+- .000 (257 %)	4	+- 15 (257 %)	.01	.00
GZS		*** NOT RECORDED ***		*** NOT RECORDED ***		
LOS	.000	+- .003 (248 %)	115	+- 433 (273 %)	.30	.12
WAFI	.000	+- .001 (160 %)	52	+- 126 (142 %)	.14	.06
MSC	.410	.328-.492 (20 %)	55441	41095-69787 (26 %)	146.67	59.36
TOT	.411	.327-.493 (20 %)	55612	41228-69998 (26 %)	147.13	59.54

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
FCF	.000	+- .000 (257 %)	1	+- 5 (257 %)	.004	311.9
GZS		*** NOT RECORDED ***		*** NOT RECORDED ***		
LOS	.000	+- .000 (288 %)	8	+- 21 (167 %)	.021	63.6
WAFI	.000	+- .000 (172 %)	9	+- 21 (127 %)	.025	178.2
MSC	.063	.046-.081 (27 %)	7810	6113-9506 (22 %)	20.661	140.9
TOT	.064	.046-.081 (27 %)	7823	6129-9528 (22 %)	20.710	140.8

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
FCF	.000	+- .000 (257 %)	3	+- 11 (257 %)	.003	.4877
GZS		*** NOT RECORDED ***		*** NOT RECORDED ***		
LOS	.000	+- .000 (283 %)	17	+- 46 (167 %)	.019	.1512
WAFI	.000	+- .000 (172 %)	20	+- 47 (127 %)	.022	.3723
MSC	.140	.101-.173 (27 %)	17217	13477-20958 (22 %)	13.434	.3106
TOT	.140	.102-.173 (27 %)	17253	13511-21005 (22 %)	13.473	.3103

CAUGHT AND CPUE TABLE

*** DAY ***

REGION :=5 LAKE :=EAST FORK LAKE
 DISTRICT :=23 YEAR :=96
 ACREAGE :934 SAMPLING RATIO :=720/2952 = 24.3%
 RATIO OF EFFORT HOURS INTERVIEWED := 7431.8/60194.7 = 15.75%
 NUMBER OF INTERVIEWS: 2072

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 2
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 2
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 2

MSC SPECIES CAUGHT:

LOS WAM G2S FCF

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLC	.043	.023-.063 (47 %)	5904	2157-9650 (63 %)	15.62	6.32
BLG	.626	.442-.810 (29 %)	80702	54033-107370 (33 %)	213.50	86.41
CCF	.011	+.049 (332 %)	970	+-4047 (317 %)	2.57	1.04
GSF	.000	+.000 (132 %)	57	+-147 (157 %)	.15	.06
UMB	.121	.100-.283 (48 %)	24327	16271-32383 (33 %)	64.36	26.05
RSF	.020	.008-.032 (62 %)	2693	+-5400 (101 %)	7.13	2.89
WAE	.000	+.005 (405 %)	90	+-398 (342 %)	.24	.10
UHC	.225	.113-.336 (50 %)	23042	14955-31128 (35 %)	60.96	24.67
YEB	.004	+.009 (125 %)	317	18-616 (94 %)	.84	.34
MSC	.002	+.004 (110 %)	199	+-478 (140 %)	.53	.21
TOT	1.124	.898-1.349 (20 %)	139300	103160-173440 (25 %)	365.98	149.07

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	KG/HA AVG WT(G)
BLC	.005	.003-.007 (43 %)	726	226-1227 (69 %)	1.922	123.1
BLG	.042	.031-.052 (25 %)	5648	4029-7266 (29 %)	14.941	70.0
CCF	.007	+.021 (185 %)	593	+-1761 (197 %)	1.568	611.2
GSF	.000	+.000 (144 %)	5	+-9 (103 %)	.012	79.9
UMB	.101	.053-.148 (47 %)	12506	8630-16382 (31 %)	33.036	514.1
RSF	.003	.000-.005 (68 %)	383	21-745 (94 %)	1.014	142.3
WAE	.003	+.013 (416 %)	229	+-1123 (390 %)	.606	2541.3
UHC	.024	.002-.046 (93 %)	2274	1584-2965 (30 %)	6.017	98.7
YEB	.002	+.005 (144 %)	122	11-233 (91 %)	.323	384.8
MSC	.000	+.000 (136 %)	20	+-43 (112 %)	.054	101.7
TOT	.186	.116-.256 (38 %)	22506	16828-28114 (25 %)	59.542	162.7

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	LB/ACRE AVG WT(LB)
BLC	.011	.006-.016 (43 %)	1602	499-2704 (69 %)	1.715	.2713
BLG	.092	.069-.115 (25 %)	12451	8833-16019 (29 %)	13.330	.1543
CCF	.016	+.046 (185 %)	1306	+-3881 (197 %)	1.399	1.3475
GSF	.000	+.000 (144 %)	10	+-20 (103 %)	.011	.1762
UMB	.223	.113-.327 (47 %)	27571	19027-36116 (31 %)	29.519	1.1334
RSF	.006	.002-.010 (68 %)	845	47-1643 (94 %)	.905	.3137
WAE	.006	+.030 (416 %)	505	+-2476 (390 %)	.541	5.6025
UHC	.052	.004-.100 (93 %)	5014	3492-6536 (30 %)	5.368	.2176
YEB	.004	+.010 (144 %)	269	25-513 (91 %)	.288	.8483
MSC	.000	+.001 (136 %)	45	+-95 (112 %)	.048	.2243
TOT	.410	.256-.564 (38 %)	49617	37254-61921 (25 %)	53.124	.3538

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :5 LAKE :EAST FORK LAKE
 DISTRICT :23 YEAR :96
 ACREAGE :934 SAMPLING RATIO :720/2952 = 24.3%
 RATIO OF EFFORT HOURS INTERVIEWED : 9491.8/60194.7 = 15.75%
 NUMBER OF INTERVIEWS: 2072

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/03 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1
 YEAR PERIOD 03/15 TO 04/03 OF SECTION 2
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 2
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 2

MSC SPECIES CAUGHT:

LMB BLC WHC BLG CCF RSF YEB GSF WAE

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
FCF	.000	+- .000 (257 %)	4	+-15 (257 %)	.01	.00
GZS	.000	+- .000 (148 %)	11	+-23 (157 %)	.03	.01
LOS	.001	+- .003 (158 %)	129	+-445 (246 %)	.34	.14
WAM	.000	+- .001 (155 %)	55	+-129 (134 %)	.15	.06
MSC	1.122	.876-1.347 (20 %)	138101	103011-173171 (25 %)	345.36	147.36
TOT	1.124	.878-1.349 (20 %)	138300	103160-173440 (25 %)	345.88	148.07

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AUG WT(G)
FCF	.000	+- .000 (257 %)	1	+-5 (257 %)	.004	311.9
GZS	.000	+- .000 (139 %)	2	+-3 (209 %)	.003	88.8
LOS	.000	+- .000 (212 %)	8	+-22 (156 %)	.022	45.3
WAM	.000	+- .000 (170 %)	10	+-21 (124 %)	.025	172.6
MSC	.186	.116-.256 (38 %)	22486	16879-28074 (25 %)	59.439	162.8
TOT	.186	.116-.256 (38 %)	22506	16898-28114 (25 %)	59.542	162.7

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AUG WT(LB)
FCF	.000	+- .000 (257 %)	3	+-11 (257 %)	.003	.6877
GZS	.000	+- .000 (139 %)	2	+-3 (209 %)	.002	.1958
LOS	.000	+- .000 (212 %)	19	+-47 (156 %)	.020	.1439
WAM	.000	+- .000 (170 %)	21	+-47 (124 %)	.023	.3804
MSC	.410	.256-.564 (38 %)	49573	37210-61935 (25 %)	53.076	.3590
TOT	.410	.256-.564 (38 %)	49617	37254-61981 (25 %)	53.124	.3588

TABLE EAST FORK LAKE 1996 DAY CREEL FINAL REPORT
DAYTIME DATA FOR LAKE=EAST FORK LAKE CREEL BEGUN IN YEAR=96

SECTION 1 FROM 03/15 TO 04/08
SECTION 1 FROM 04/09 TO 04/30
SECTION 1 FROM 05/01 TO 05/31
SECTION 1 FROM 06/01 TO 06/15
SECTION 1 FROM 06/16 TO 08/31
SECTION 1 FROM 09/01 TO 09/30
SECTION 1 FROM 10/01 TO 10/31
SECTION 1 FROM 11/01 TO 11/15
SECTION 2 FROM 03/15 TO 04/08
SECTION 2 FROM 04/09 TO 04/30
SECTION 2 FROM 05/01 TO 05/31
SECTION 2 FROM 06/01 TO 06/15
SECTION 2 FROM 06/16 TO 08/31
SECTION 2 FROM 09/01 TO 09/30
SECTION 2 FROM 10/01 TO 10/31
SECTION 2 FROM 11/01 TO 11/15

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	5.3	5.1 - 5.4 (3%)	.7	11.8	911
SHORE	2.1	1.4 - 2.9 (36%)	.4	6.7	18
BOAT & SHORE	5.2	5.1 - 5.4 (3%)	.4	11.8	929

702 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS
62% OF ALL 1498 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED IN MILES	70	64.7 - 75.3 (8%)	1	900	1304
SUCCESS RATING 1-10?	4.3	4.1 - 4.4 (3%)	1	10	1286

IS CATCH ILLEGAL?

CLERK NOTED 4 OUT OF 1498 INTERVIEWS HAD ILLEGAL CATCHES

# INTERVIEWS (AND %) PER SPECIES SOUGHT				PART: SIZE VS. # INTERVIEWS			
				BOAT		SHORE	
ANY	194 (13%)	LMB	853 (56.9%)	1	512	1	39
BLG	193 (12.9%)	WHC	18 (1.2%)	2	764	2	36
CRP	164 (10.9%)	CCF	34 (2.3%)	3	91	3	22
BSS	20 (1.3%)	CAT	6 (.4%)	4	21	4	7
WAE	5 (.3%)	SUN	11 (.7%)	5	1	5	4
				6		6	1
				7		7	
				8		8	
				9		9	
				10+		10+	

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=5 LAKE :=JONES LAKE
 DISTRICT :=24 YEAR :=96
 ACREAGE :96 SAMPLING_RATIO :=310/738 = 42%
 NUMBER OF INTERVIEWS:1504

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 09/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HR\$/ ACRE	95% CONF INTVL	% EFF INTVD

BOAT FISHING:					
WEEKDAY	3950	3384-4516 (14%)	41	35-47 (14%)	25.37
WKND/HOL	3582	2821-4343 (21%)	37	29-45 (21%)	44.70

STR TOTAL	7532	6600-8464 (12%)	78	69-88 (12%)	34.56
SHORE FISHING:					
WEEKDAY	5412	4737-6087 (12%)	56	49-63 (12%)	22.83
WKND/HOL	5930	2524-9336 (57%)	62	26-97 (57%)	37.48

STR TOTAL	11342	8311-14373 (27%)	118	87-150 (27%)	30.49
BOAT/SHORE COALESCED:					
WEEKDAY	9026	8138-9914 (10%)	94	85-103 (10%)	24.80
WKND/HOL	9241	6068-12414 (34%)	96	63-129 (34%)	41.33

STR TOTAL	18267	15296-21238 (16%)	190	159-221 (16%)	33.18
BOAT/SHORE STRATIFIED:					
WEEKDAY	9363	8489-10237 (9%)	98	88-107 (9%)	23.90
WKND/HOL	9514	6322-12706 (34%)	99	66-132 (34%)	40.19

STR TOTAL	18877	15894-21860 (16%)	197	166-229 (16%)	32.11

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :5 LAKE :JONES LAKE
 DISTRICT :24 YEAR :96
 ACREAGE :96 SAMPLING RATIO :620/1476 = 42%
 RATIO OF EFFORT HOURS INTERVIEWED : 6061.7/18980.2 = 32.1%
 NUMBER OF INTERVIEWS: 1504

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLC	.104	.072-.136 (31 %)	1273	953-1633 (26 %)	33.27	13.47
BLG	.356	.283-.430 (21 %)	7917	6517-9317 (13 %)	203.73	82.47
CCF	.099	.076-.122 (23 %)	2583	1874-3293 (27 %)	66.49	26.91
GSF	.009	.004-.014 (56 %)	241	124-358 (43 %)	6.21	2.51
GZS		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.014	.008-.021 (47 %)	299	179-419 (40 %)	7.69	3.11
RSF	.075	.049-.101 (35 %)	1433	775-1872 (31 %)	36.90	14.73
WAM	.002	.000-.003 (74 %)	47	13-80 (72 %)	1.20	.49
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.657	.562-.757 (15 %)	13814	11803-15824 (15 %)	355.55	143.87

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLC	.025	.018-.032 (28 %)	314	232-397 (26 %)	8.089	243.0
BLG	.030	.023-.037 (23 %)	664	533-795 (20 %)	17.090	83.9
CCF	.058	.044-.071 (23 %)	1511	1102-1921 (27 %)	38.904	595.1
GSF	.000	.000-.001 (57 %)	22	12-32 (47 %)	.564	90.9
GZS		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.009	.006-.013 (36 %)	209	133-285 (36 %)	5.384	700.0
RSF	.013	.008-.017 (34 %)	251	173-330 (31 %)	6.464	175.2
WAM	.000	.000-.000 (80 %)	8	1-15 (82 %)	.207	172.5
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.135	.117-.153 (13 %)	2980	2492-3468 (16 %)	76.702	215.7

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLC	.055	.040-.071 (28 %)	673	511-875 (26 %)	7.217	.5357
BLG	.065	.050-.081 (23 %)	1464	1176-1752 (20 %)	15.247	.1849
CCF	.127	.097-.156 (23 %)	3332	2430-4234 (27 %)	34.710	1.2900
GSF	.002	.000-.003 (57 %)	48	26-71 (47 %)	.503	.2003
GZS		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.020	.013-.028 (36 %)	461	294-629 (36 %)	4.804	1.5432
RSF	.028	.019-.038 (34 %)	554	380-727 (31 %)	5.768	.3863
WAM	.000	.000-.001 (80 %)	13	3-32 (82 %)	.184	.3302
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.299	.259-.338 (13 %)	6570	5493-7646 (16 %)	68.434	.4756

TABLE JONES LAKE 1996 DAY CREEL FINAL REPORT
DAYTIME DATA FOR LAKE JONES LAKE CREEL BEGUN IN YEAR=96

SECTION 1 FROM 03/15 TO 04/08
SECTION 1 FROM 04/09 TO 04/30
SECTION 1 FROM 05/01 TO 05/31
SECTION 1 FROM 06/01 TO 06/15
SECTION 1 FROM 06/16 TO 08/31
SECTION 1 FROM 09/01 TO 09/30
SECTION 1 FROM 10/01 TO 10/31
SECTION 1 FROM 11/01 TO 11/15

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	4.3	4.1 - 4.5 (6%)	.3	12.5	329
SHORE	2.3	2.1 - 2.4 (7%)	.2	10.1	497
BOAT & SHORE	3.1	2.9 - 3.2 (5%)	.2	12.5	826

299 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS
66% OF ALL 1251 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED IN MILES	16	14.4 - 17.5 (10%)	1	350	1177
SUCCESS RATING 1-10?	5.3	5.1 - 5.5 (4%)	1	10	1175

IS CATCH ILLEGAL?

CLERK NOTED 13 OUT OF 1251 INTERVIEWS HAD ILLEGAL CATCHES

# INTERVIEWS (AND %) PER SPECIES SOUGHT				PARTY SIZE VS. # INTERVIEWS			
				BOAT	SHORE		
ANY	509 (40.7%)	BLC	31 (2.5%)	1	208	1	328
LMB	443 (35.4%)	CCF	3 (.2%)	2	243	2	241
CRP	61 (4.9%)	CAT	172 (13.7%)	3	37	3	106
BLG	12 (1%)	SUN	19 (1.5%)	4	2	4	45
RSF	1 (.1%)			5	1	5	25
				6		6	5
				7		7	5
				8		8	3
				9		9	2
				10+		10+	

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=1 LAKE :=LASALLE LAKE
 DISTRICT :=02 YEAR :=96
 ACREAGE :1864 SAMPLING RATIO :=314/639 = 49.1%
 NUMBER OF INTERVIEWS:4055

YEAR PERIOD 03/15 TO 04/03 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/13 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD
BOAT FISHING:					
WEEKDAY	37638	31890-43386 (15%)	20	17-23 (15%)	14.79
WKND/HOL	34105	31783-36427 (7%)	18	17-20 (7%)	35.11
STR TOTAL	71743	65579-77907 (9%)	38	35-42 (9%)	24.45
SHORE FISHING:					
WEEKDAY	24925	22084-27766 (11%)	13	12-15 (11%)	7.57
WKND/HOL	23362	22159-24565 (5%)	13	12-13 (5%)	19.33
STR TOTAL	48287	45219-51355 (6%)	26	24-28 (6%)	13.26
BOAT/SHORE COALESCED:					
WEEKDAY	61714	53635-69793 (13%)	33	29-37 (13%)	12.08
WKND/HOL	57359	54049-60669 (6%)	31	29-33 (6%)	28.75
STR TOTAL	119073	110396-127750 (7%)	64	59-69 (7%)	20.11
BOAT/SHORE STRATIFIED:					
WEEKDAY	62565	56222-68908 (10%)	34	30-37 (10%)	11.91
WKND/HOL	57468	54884-60052 (4%)	31	29-32 (4%)	28.70
STR TOTAL	120033	113210-126856 (6%)	64	61-68 (6%)	19.95

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=1 LAKE :=LASALLE LAKE
 DISTRICT :=02 YEAR :=96
 ACREAGE :=1864 SAMPLING RATIO :=628/1278 = 49.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 23743.9/120036.6 = 19.74%
 NUMBER OF INTERVIEWS: 4055

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/13 OF SECTION 1

MSC SPECIES CAUGHT:

FRD CAP WAE GSF GZS WHC
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLG	.041	.039-.032 (35 %)	8104	5701-10507 (30 %)	10.74	4.35
CCF	.150	.122-.178 (19 %)	17012	14603-19421 (14 %)	22.55	9.13
FCF	.000	+-0.000 (123 %)	39	+-81 (110 %)	.05	.02
LMB	.000	.000-.001 (67 %)	147	52-243 (65 %)	.20	.08
SEH	.005	.003-.007 (37 %)	1069	697-1441 (35 %)	1.42	.58
SMB	.000	.000-.000 (71 %)	90	29-150 (67 %)	.12	.05
WHB	.014	.009-.020 (38 %)	3691	1468-5915 (60 %)	4.89	1.98
YEB	.004	.000-.009 (95 %)	295	106-483 (64 %)	.39	.16
YLB	.029	.002-.056 (92 %)	3277	1681-4874 (49 %)	4.34	1.76
MSC	.005	.003-.007 (43 %)	558	351-764 (37 %)	.74	.30
TOT	.270	.222-.318 (18 %)	34282	29562-39001 (14 %)	45.44	18.39

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLG	.005	.003-.008 (41 %)	724	500-948 (31 %)	.960	89.3
CCF	.035	.029-.041 (17 %)	4258	3627-4890 (15 %)	5.645	250.3
FCF	.000	+-0.000 (124 %)	25	+-54 (116 %)	.033	655.7
LMB	.001	.000-.002 (66 %)	251	93-409 (63 %)	.333	1703.1
SEH	.006	.004-.008 (41 %)	1167	765-1568 (34 %)	1.547	1091.6
SMB	.000	.000-.001 (70 %)	137	47-227 (65 %)	.182	1529.1
WHB	.007	.004-.009 (38 %)	1832	638-3026 (65 %)	2.428	496.3
YEB	.000	.000-.000 (75 %)	46	19-73 (58 %)	.061	156.6
YLB	.004	+-0.008 (108 %)	391	161-622 (59 %)	.519	119.4
MSC	.002	.000-.003 (53 %)	248	141-354 (43 %)	.329	444.5
TOT	.062	.053-.070 (14 %)	9080	7545-10615 (17 %)	12.037	264.9

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLG	.012	.007-.017 (41 %)	1596	1101-2091 (31 %)	.856	.1970
CCF	.077	.064-.090 (17 %)	9388	7995-10781 (15 %)	5.037	.5519
FCF	.000	+-0.000 (124 %)	56	+-120 (116 %)	.030	1.4456
LMB	.003	.000-.005 (66 %)	553	205-902 (63 %)	.297	3.7546
SEH	.013	.008-.017 (41 %)	2572	1687-3457 (34 %)	1.380	2.4065
SMB	.001	.000-.002 (70 %)	303	104-501 (65 %)	.162	3.3710
WHB	.015	.009-.021 (38 %)	4039	1407-6670 (65 %)	2.167	1.0941
YEB	.001	.000-.002 (75 %)	102	43-160 (58 %)	.055	.3452
YLB	.009	+-0.018 (108 %)	863	355-1370 (59 %)	.463	.2632
MSC	.004	.002-.006 (53 %)	546	312-781 (43 %)	.293	.9799
TOT	.136	.116-.155 (14 %)	20018	16634-23402 (17 %)	10.739	.5839

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=1 LAKE :=LASALLE LAKE
 DISTRICT :=02 YEAR :=96
 ACREAGE :1864 SAMPLING RATIO :=628/1278 = 49.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 23943.9/120036.6 = 19.94%
 NUMBER OF INTERVIEWS: 4055

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/13 OF SECTION 1

MSC SPECIES CAUGHT:

WHE SMB SBH CCF LMB YLB BLG CAP YEB FCF GZS
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
FRD	.004	.002-.006 (46 %)	440	255-625 (42 %)	.58	.24
GSF	.000	+- .000 (224 %)	6	+-16 (150 %)	.00	.00
WAE	.000	+- .000 (102 %)	81	+-170 (111 %)	.11	.05
WHC	*** NOT RECORDED ***		*** NOT RECORDED ***			
MSC	.265	.217-.314 (18 %)	33755	29052-38458 (14 %)	44.75	18.11
TOT	.270	.222-.318 (18 %)	34282	29562-39001 (14 %)	45.44	18.39

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
FRD	.002	.000-.003 (62 %)	165	82-247 (50 %)	.218	374.2
GSF	.000	+- .000 (233 %)		+-2 (150 %)	.000	116.4
WAE	.000	.000-.000 (96 %)	54	+-111 (107 %)	.071	665.3
WHC	*** NOT RECORDED ***		*** NOT RECORDED ***			
MSC	.060	.051-.069 (15 %)	8861	7334-10388 (17 %)	11.747	262.5
TOT	.062	.053-.070 (14 %)	9080	7545-10615 (17 %)	12.037	264.9

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
FRD	.003	.001-.006 (62 %)	363	180-546 (50 %)	.195	.8250
GSF	.000	+- .000 (233 %)	2	+-4 (150 %)	.000	.2565
WAE	.000	.000-.000 (96 %)	118	+-244 (107 %)	.063	1.4667
WHC	*** NOT RECORDED ***		*** NOT RECORDED ***			
MSC	.132	.113-.151 (15 %)	19535	16169-22902 (17 %)	10.480	.5787
TOT	.136	.116-.155 (14 %)	20018	16634-23402 (17 %)	10.739	.5839

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=1 LAKE :=LASALLE LAKE
 DISTRICT :=02 YEAR :=96
 ACREAGE :=1864 SAMPLING RATIO :=628/1278 = 49.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 23943.9/120036.6 = 19.94%
 NUMBER OF INTERVIEWS: 4055

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/13 OF SECTION 1

MSC SPECIES CAUGHT:
 FRD CAP WAE GSF GZS WHC
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLG	.085	.040-.107 (29 %)	11696	8224-15167 (30 %)	15.50	6.28
CCF	.344	.294-.394 (15 %)	41286	36874-45699 (11 %)	54.73	22.15
FCF	.002	+-0.005 (239 %)	139	+-417 (199 %)	.18	.08
LMB	.045	.035-.054 (21 %)	6353	5144-7562 (19 %)	8.42	3.41
SBH	.024	.014-.034 (40 %)	3746	2613-5278 (34 %)	5.23	2.12
SMB	.087	.068-.107 (22 %)	11146	9154-13139 (18 %)	14.78	5.98
WHB	.026	.019-.033 (29 %)	6449	2731-10167 (58 %)	8.55	3.46
YEB	.009	.003-.015 (62 %)	744	410-1078 (45 %)	.99	.40
YLB	.074	.044-.104 (41 %)	10486	7268-13705 (31 %)	13.90	5.63
MSC	.031	.023-.039 (26 %)	3610	2921-4299 (19 %)	4.79	1.94
TOT	.727	.655-.799 (10 %)	95856	86191-105520 (10 %)	127.07	51.43

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLG	.007	.004-.009 (35 %)	903	628-1179 (30 %)	1.197	77.2
CCF	.070	.059-.081 (15 %)	8732	7770-9695 (11 %)	11.576	211.5
FCF	.000	+-0.001 (200 %)	55	+-131 (136 %)	.074	398.1
LMB	.023	.018-.028 (21 %)	3593	2893-4292 (19 %)	4.762	565.5
SBH	.022	.012-.032 (44 %)	3595	2327-4863 (35 %)	4.765	911.1
SMB	.037	.027-.046 (26 %)	4982	3931-6033 (21 %)	6.604	446.9
WHB	.011	.007-.014 (32 %)	2841	1021-4662 (64 %)	3.767	440.6
YEB	.001	.000-.002 (45 %)	106	67-145 (37 %)	.140	142.1
YLB	.007	.003-.012 (61 %)	950	638-1262 (33 %)	1.259	90.6
MSC	.010	.008-.012 (22 %)	1332	1038-1626 (22 %)	1.766	369.0
TOT	.188	.168-.207 (10 %)	27090	23651-30528 (13 %)	35.911	282.6

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLG	.014	.009-.019 (35 %)	1991	1384-2599 (30 %)	1.068	.1703
CCF	.154	.131-.178 (15 %)	19252	17131-21373 (11 %)	10.329	.4663
FCF	.001	+-0.003 (200 %)	122	+-289 (136 %)	.066	.8976
LMB	.050	.040-.061 (21 %)	7920	6378-9462 (19 %)	4.249	1.2467
SBH	.049	.028-.071 (44 %)	7925	5129-10721 (35 %)	4.252	2.0085
SMB	.081	.059-.102 (26 %)	10983	8666-13300 (21 %)	5.892	.9853
WHB	.024	.016-.032 (32 %)	6264	2252-10277 (64 %)	3.361	.9714
YEB	.002	.001-.004 (45 %)	233	147-319 (37 %)	.125	.3133
YLB	.016	.006-.026 (61 %)	2094	1406-2783 (33 %)	1.124	.1997
MSC	.022	.017-.027 (22 %)	2937	2288-3585 (22 %)	1.575	.8135
TOT	.414	.371-.457 (10 %)	59722	52141-67303 (13 %)	32.040	.6230

TABLE LASALLE LAKE 1996 DAY CREEL THRU 10/13
DAYTIME DATA FOR LAKE=LASALLE LAKE CREEL BEGUN IN YEAR=96

SECTION 1 FROM 03/15 TO 04/08
SECTION 1 FROM 04/09 TO 04/30
SECTION 1 FROM 05/01 TO 05/31
SECTION 1 FROM 06/01 TO 06/15
SECTION 1 FROM 06/16 TO 08/31
SECTION 1 FROM 09/01 TO 09/30
SECTION 1 FROM 10/01 TO 10/31

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	5.1	5 - 5.2 (2%)	.3	43.3	1708
SHORE	3.8	3.6 - 4 (5%)	.2	12.8	628
BOAT & SHORE	4.8	4.7 - 4.9 (2%)	.2	43.3	2336

1612 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS
89.3% OF ALL 2615 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED IN MILES	51.4	50.4 - 52.5 (2%)	1	225	2524
SUCCESS RATING 1-10?	3.5	3.4 - 3.6 (3%)	1	10	2516

IS CATCH ILLEGAL?

CLERK NOTED 13 OUT OF 2615 INTERVIEWS HAD ILLEGAL CATCHES

# INTERVIEWS (AND %) PER SPECIES SOUGHT				PARTY SIZE VS. # INTERVIEWS			
				BOAT	SHORE		
ANY	1469 (56.2%)	LMB	302 (11.5%)	1	254	1	238
SBH	142 (5.4%)	WHB	44 (1.7%)	2	1073	2	359
WAE	9 (.3%)	BSS	342 (13.1%)	3	328	3	183
SMB	44 (1.7%)	MOR	17 (.7%)	4	65	4	76
BLG	76 (2.9%)	CCF	162 (6.2%)	5	7	5	13
YLB	4 (.2%)	STB	2 (.1%)	6	2	6	8
WHC	2 (.1%)			7		7	
				8	1	8	3
				9		9	
				10+	1	10+	4

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=3 LAKE :=LINCOLN TRAIL LAKE
 DISTRICT :=14 YEAR :=96
 ACREAGE :136 SAMPLING RATIO :=326/738 = 44.1%
 NUMBER OF INTERVIEWS:1242

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD

BOAT FISHING:					
WEEKDAY	6512	5581-7443 (14%)	48	41-55 (14%)	18.49
WKND/HOL	6624	5962-7286 (10%)	49	44-54 (10%)	42.16

STR TOTAL	13136	12001-14271 (9%)	97	88-105 (9%)	30.43
SHORE FISHING:					
WEEKDAY	1206	852-1560 (29%)	9	6-11 (29%)	15.26
WKND/HOL	848	628-1068 (26%)	6	5-8 (26%)	31.55

STR TOTAL	2054	1641-2467 (20%)	15	12-18 (20%)	21.98
BOAT/SHORE COALESCED:					
WEEKDAY	7676	6613-8739 (14%)	56	49-64 (14%)	18.09
WKND/HOL	7434	6719-8149 (10%)	55	49-60 (10%)	41.17

STR TOTAL	15110	13837-16383 (8%)	111	102-120 (8%)	29.44
BOAT/SHORE STRATIFIED:					
WEEKDAY	7719	6728-8710 (13%)	57	49-64 (13%)	17.99
WKND/HOL	7474	6781-8167 (9%)	55	50-60 (9%)	40.95

STR TOTAL	15193	13990-16396 (8%)	112	103-121 (8%)	29.28

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=3 LAKE :=LINCOLN TRAIL LAKE
 DISTRICT :=14 YEAR :=96
 ACREAGE :=136 SAMPLING RATIO :=652/1476 = 44.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 4448.6/15196.1 = 29.27%
 NUMBER OF INTERVIEWS: 1242

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.000	+- .002 (204 %)	21	+-56 (171 %)	.37	.15
BLG	.166	.090-.241 (45 %)	4455	3657-5253 (18 %)	80.94	32.76
CCF	.083	.064-.102 (23 %)	2138	1609-2668 (25 %)	38.85	15.73
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.000	+- .002 (128 %)	28	+-58 (105 %)	.51	.21
RSF	.028	.008-.048 (70 %)	396	245-547 (38 %)	7.20	2.92
WAM		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.028	.008-.049 (74 %)	457	219-695 (52 %)	8.30	3.36
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.307	.226-.387 (26 %)	7495	6441-9550 (14 %)	136.18	55.11

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.000	+- .000 (210 %)	3	+-8 (186 %)	.053	141.0
BLG	.019	.012-.026 (37 %)	528	423-633 (20 %)	9.593	118.5
CCF	.037	.028-.045 (23 %)	918	719-1116 (22 %)	16.672	429.1
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.000	+- .002 (153 %)	21	+-47 (126 %)	.380	737.5
RSF	.006	.002-.011 (72 %)	99	63-134 (36 %)	1.791	248.6
WAM		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.006	.000-.012 (92 %)	115	36-194 (69 %)	2.087	251.5
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.070	.057-.083 (18 %)	1683	1432-1934 (15 %)	30.574	224.5

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.000	+- .000 (210 %)	6	+-18 (186 %)	.047	.3108
BLG	.042	.027-.059 (37 %)	1164	932-1393 (20 %)	8.559	.2613
CCF	.081	.063-.100 (23 %)	2023	1586-2460 (22 %)	14.874	.9460
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.001	+- .004 (153 %)	46	+-104 (126 %)	.339	1.6260
RSF	.014	.004-.024 (72 %)	217	139-296 (36 %)	1.598	.5482
WAM		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.014	.001-.027 (92 %)	253	80-427 (69 %)	1.862	.5546
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.154	.125-.182 (18 %)	3710	3157-4263 (15 %)	27.279	.4950

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=3 LAKE :=LINCOLN TRAIL LAKE
 DISTRICT :=14 YEAR :=96
 ACREAGE :=136 SAMPLING RATIO :=652/1476 = 44.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 4448.6/15196.1 = 29.27%
 NUMBER OF INTERVIEWS: 1242

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.000	+- .002 (204 %)	21	+-56 (171 %)	.37	.15
BLG	.188	.112-.264 (40 %)	5279	4379-6178 (17 %)	95.91	38.82
CCF	.095	.075-.114 (20 %)	2504	1956-3053 (22 %)	45.50	18.42
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.111	.091-.132 (18 %)	4274	3522-5026 (18 %)	77.65	31.43
RSF	.029	.009-.048 (68 %)	436	230-593 (36 %)	7.93	3.21
WAM		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.031	.009-.052 (69 %)	501	245-758 (51 %)	9.11	3.69
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.454	.370-.538 (18 %)	13016	11451-14580 (12 %)	236.48	95.70

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.000	+- .000 (210 %)	3	+-8 (186 %)	.053	141.0
BLG	.021	.014-.028 (34 %)	589	479-698 (19 %)	10.694	111.5
CCF	.040	.031-.048 (22 %)	1012	811-1214 (20 %)	18.390	404.2
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.050	.041-.060 (19 %)	1916	1574-2258 (18 %)	34.816	448.4
RSF	.007	.002-.011 (70 %)	110	73-148 (34 %)	2.003	252.6
WAM		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.007	.000-.013 (87 %)	122	40-203 (67 %)	2.211	242.7
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.124	.108-.140 (13 %)	3752	3287-4217 (12 %)	68.167	288.3

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.000	+- .000 (210 %)	6	+-18 (186 %)	.047	.3108
BLG	.046	.030-.061 (34 %)	1298	1057-1538 (19 %)	9.542	.2458
CCF	.088	.069-.107 (22 %)	2231	1787-2676 (20 %)	16.408	.8910
GSF		*** NOT RECORDED ***		*** NOT RECORDED ***		
LMB	.111	.090-.132 (19 %)	4225	3470-4979 (18 %)	31.063	.9885
RSF	.015	.004-.025 (70 %)	243	160-326 (34 %)	1.787	.5568
WAM		*** NOT RECORDED ***		*** NOT RECORDED ***		
WHC	.015	.002-.028 (87 %)	269	89-448 (67 %)	1.973	.5351
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.274	.239-.309 (13 %)	8271	7247-9296 (12 %)	60.819	.6355

TABLE LINCOLN TRAIL LAKE 1996 DAY CREEL FINAL REPORT
DAYTIME DATA FOR LAKE=LINCOLN TRAIL LAKE CREEL BEGUN IN YEAR=96

SECTION 1 FROM 03/15 TO 04/08
SECTION 1 FROM 04/09 TO 04/30
SECTION 1 FROM 05/01 TO 05/31
SECTION 1 FROM 06/01 TO 06/15
SECTION 1 FROM 06/16 TO 08/31
SECTION 1 FROM 09/01 TO 09/30
SECTION 1 FROM 10/01 TO 10/31
SECTION 1 FROM 11/01 TO 11/15

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	4.4	4.1 - 4.6 (6%)	1.1	11.9	277
SHORE	2.3	1.8 - 2.7 (19%)	.5	4.9	24
BOAT & SHORE	4.2	4 - 4.5 (6%)	.5	11.9	301

191 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS
27.4% OF ALL 1100 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED IN MILES	26	24.2 - 27.8 (7%)	1	210	885
SUCCESS RATING 1-10?	6.8	6.5 - 7 (4%)	1	10	875

IS CATCH ILLEGAL?

CLERK NOTED 6 OUT OF 1100 INTERVIEWS HAD ILLEGAL CATCHES

# INTERVIEWS (AND %) PER SPECIES SOUGHT				PARTY SIZE VS. # INTERVIEWS			
				BOAT	SHORE		
ANY	495 (45%)	LMB	354 (32.2%)	1	380	1	110
BLG	105 (9.5%)	WHC	24 (2.2%)	2	492	2	51
CCF	119 (10.8%)	RSF	3 (.3%)	3	47	3	14
				4	4	4	2
				5		5	
				6		6	
				7		7	
				8		8	
				9		9	
				10+		10+	

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=2 LAKE :=MCCULLOM LAKE
 DISTRICT :=07 YEAR :=96
 ACREAGE :243 SAMPLING RATIO :=552/1236 = 44.6%
 RATIO OF EFFORT HOURS INTERVIEWED := 3951/18618.1 = 21.22%
 NUMBER OF INTERVIEWS: 1431

COMBINED ACROSS STRATA:

YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVST	95% CI	#/HA	#/ACRE
BLC	.000	+-.000 (318 %)	5	+21 (318 %)	.05	.02
BLG	.196	.112-.280 (43 %)	5252	3355-7148 (36 %)	53.40	21.61
CAP		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF	.001	+-.003 (110 %)	41	8-74 (81 %)	.41	.17
LMB	.010	+-.023 (135 %)	202	6-398 (97 %)	2.06	.83
NOP	.003	.000-.006 (95 %)	75	16-133 (79 %)	.76	.31
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.210	.125-.296 (41 %)	5574	3639-7509 (35 %)	56.68	22.94

SPEC	KG/HR	95% CI	KG HARVST	95% CI	KG/HA	AVG WT(G)
BLC	.000	+-.000 (318 %)	2	+7 (318 %)	.017	318.6
BLG	.021	.011-.031 (47 %)	530	336-724 (37 %)	5.386	100.9
CAP		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF	.000	+-.002 (118 %)	20	2-38 (89 %)	.204	494.9
LMB	.003	+-.007 (138 %)	61	10-112 (84 %)	.621	302.1
NOP	.004	+-.009 (110 %)	106	5-208 (96 %)	1.082	1425.5
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.029	.017-.040 (40 %)	719	485-953 (33 %)	7.311	129.0

SPEC	LB/HR	95% CI	LB HARVST	95% CI	LB/ACRE	AVG WT(LB)
BLC	.000	+-.000 (318 %)	4	+15 (318 %)	.015	.7024
BLG	.047	.025-.068 (47 %)	1168	740-1596 (37 %)	4.306	.2224
CAP		*** NOT RECORDED ***		*** NOT RECORDED ***		
CCF	.002	+-.004 (118 %)	44	5-84 (89 %)	.182	1.0912
LMB	.006	+-.014 (138 %)	135	22-247 (84 %)	.554	.6660
NOP	.009	+-.019 (110 %)	235	10-459 (96 %)	.966	3.1427
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.063	.038-.088 (40 %)	1585	1069-2101 (33 %)	6.522	.2843

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=2 LAKE :=MCCULLOM LAKE
 DISTRICT :=07 YEAR :=96
 ACREAGE :=243 SAMPLING RATIO :=552/1236 = 44.6%
 RATIO OF EFFORT HOURS INTERVIEWED := 3951/18618.1 = 21.22%
 NUMBER OF INTERVIEWS: 1431

COMBINED ACROSS STRATA:

YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLC	.000	+-.000 (318 %)	5	+21 (318 %)	.05	.02
BLG	.513	.342-.684 (33 %)	11789	8857-14720 (25 %)	119.87	48.51
CAP	.000	(0 %)	2	(0 %)	.02	.01
CCF	.004	.000-.007 (77 %)	132	12-252 (91 %)	1.34	.54
LMB	.691	.539-.843 (22 %)	16334	13929-18740 (15 %)	166.10	67.22
NOP	.362	.248-.476 (32 %)	8600	6973-10228 (19 %)	87.45	35.39
MSC	*** NOT RECORDED ***		*** NOT RECORDED ***			
TOT	1.570	1.306-1.834 (17 %)	36863	31980-41745 (13 %)	374.84	151.70

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLC	.000	+-.000 (318 %)	2	+7 (318 %)	.017	318.6
BLG	.055	.036-.073 (34 %)	1284	867-1701 (32 %)	13.055	108.9
CAP	.000	(0 %)		(0 %)	.001	59.9
CCF	.002	.000-.003 (82 %)	39	16-63 (59 %)	.400	298.8
LMB	.165	.117-.213 (29 %)	3892	3309-4475 (15 %)	39.573	238.3
NOP	.174	.121-.227 (31 %)	4346	3423-5268 (21 %)	44.188	505.3
MSC	*** NOT RECORDED ***		*** NOT RECORDED ***			
TOT	.396	.320-.471 (19 %)	9562	8196-10929 (14 %)	97.235	259.4

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLC	.000	+-.000 (318 %)	4	+15 (318 %)	.015	.7024
BLG	.121	.080-.161 (34 %)	2830	1911-3750 (32 %)	11.648	.2401
CAP	.000	(0 %)		(0 %)	.001	.1321
CCF	.004	.000-.006 (82 %)	87	36-138 (59 %)	.357	.6587
LMB	.364	.259-.470 (29 %)	8530	7295-9865 (15 %)	35.307	.5252
NOP	.384	.267-.501 (31 %)	9530	7547-11613 (21 %)	39.424	1.1139
MSC	*** NOT RECORDED ***		*** NOT RECORDED ***			
TOT	.873	.707-1.039 (19 %)	21081	18063-24094 (14 %)	86.753	.5719

TABLE MCCULLOM LAKE 1996 DAY CREEL REVISED FINAL REPORT
DAYTIME DATA FOR LAKE=MCCULLOM LAKE CREEL BEGUN IN YEAR=96

SECTION 1 FROM 04/09 TO 04/30
SECTION 1 FROM 05/01 TO 05/31
SECTION 1 FROM 06/01 TO 06/15
SECTION 1 FROM 06/16 TO 08/31
SECTION 1 FROM 09/01 TO 09/30
SECTION 1 FROM 10/01 TO 10/31

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	2.3	2.1 - 2.4 (8%)	.3	8.8	202
SHORE	1.5	1.3 - 1.7 (14%)	.2	10	176
BOAT & SHORE	1.9	1.7 - 2 (7%)	.2	10	378

81 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS
27.6% OF ALL 1372 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED IN MILES	6.7	5.8 - 7.6 (14%)	1	310	1210
SUCCESS RATING 1-10?	4.8	4.7 - 5 (3%)	1	10	1188

IS CATCH ILLEGAL?

CLERK NOTED 15 OUT OF 1372 INTERVIEWS HAD ILLEGAL CATCHES

# INTERVIEWS (AND %) PER SPECIES SOUGHT				PARTY SIZE VS. # INTERVIEWS			
				BOAT	SHORE		
ANY	786 (57.3%)	LMB	281 (20.5%)	1	201	1	304
NOP	113 (8.2%)	BLG	188 (13.7%)	2	333	2	251
CCF	4 (.3%)			3	115	3	93
				4	29	4	26
				5	5	5	12
				6		6	2
				7		7	1
				8		8	
				9		9	
				10+		10+	

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=2 LAKE :=MONEE RESERVOIR
 DISTRICT :=10 YEAR :=96
 ACREAGE :46 SAMPLING RATIO :=153/408 = 37.5%
 NUMBER OF INTERVIEWS:1335

YEAR PERIOD 05/18 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1

	ANGL HRS	95% CONF INTVL		HRS/ ACRE	95% CONF INTVL		% EFF INTVL
BOAT FISHING:							
WEEKDAY	3148	2169-4127	(31%)	68	47-90	(31%)	16.82
WKND/HOL	6972	5706-8238	(18%)	152	124-179	(18%)	19.37
STR TOTAL	10120	8546-11694	(16%)	220	186-254	(16%)	18.58
SHORE FISHING:							
WEEKDAY	9151	7458-10844	(19%)	199	162-236	(19%)	22.08
WKND/HOL	13252	10515-15989	(21%)	288	229-348	(21%)	28.86
STR TOTAL	22403	19254-25552	(14%)	487	419-555	(14%)	26.09
BOAT/SHORE COALESCED:							
WEEKDAY	12120	9859-14381	(19%)	263	214-313	(19%)	21.04
WKND/HOL	19975	16289-23661	(18%)	434	354-514	(18%)	25.91
STR TOTAL	32095	27852-36338	(13%)	698	605-790	(13%)	24.07
BOAT/SHORE STRATIFIED:							
WEEKDAY	12301	10364-14238	(16%)	267	225-310	(16%)	20.73
WKND/HOL	20224	17257-23191	(15%)	440	375-504	(15%)	25.59
STR TOTAL	32525	29033-36017	(11%)	707	631-783	(11%)	23.75

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=2 LAKE :=MONEE RESERVOIR
 DISTRICT :=10 YEAR :=96
 ACREAGE :46 SAMPLING RATIO :=306/816 = 37.5%
 RATIO OF EFFORT HOURS INTERVIEWED := 7724.5/32528.1 = 23.74%
 NUMBER OF INTERVIEWS: 1335

COMBINED ACROSS STRATA:

YEAR PERIOD 05/18 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.003	.000-.005 (94 %)	111	9-213 (92 %)	5.95	2.41
BLG	.007	.001-.013 (85 %)	329	85-572 (74 %)	17.66	7.15
CCF	.007	.003-.011 (53 %)	315	152-478 (52 %)	16.92	6.85
GSF	.000	+-.003 (218 %)	28	+90 (218 %)	1.53	.62
LMB	.012	+-.034 (174 %)	143	53-233 (63 %)	7.63	3.11
NOP		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAM	.000	+-.000 (196 %)	7	+19 (152 %)	.40	.16
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.031	.008-.053 (74 %)	933	567-1299 (39 %)	50.13	20.29

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.000	.000-.000 (95 %)	9	-18 (91 %)	.494	83.0
BLG	.000	.000-.001 (85 %)	25	8-43 (69 %)	1.365	77.3
CCF	.004	.002-.006 (57 %)	156	76-236 (52 %)	8.365	474.4
GSF	.000	+-.000 (218 %)	2	+6 (218 %)	.102	66.4
LMB	.019	+-.056 (190 %)	121	36-205 (70 %)	6.487	844.4
NOP		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAM	.000	+-.000 (151 %)	1	+4 (181 %)	.068	172.2
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.024	+-.061 (152 %)	314	198-430 (37 %)	16.880	336.7

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLB		*** NOT RECORDED ***		*** NOT RECORDED ***		
BLC	.000	.000-.000 (95 %)	20	2-37 (91 %)	.441	.1830
BLG	.001	.000-.002 (85 %)	56	18-94 (69 %)	1.218	.1704
CCF	.007	.004-.014 (57 %)	343	166-520 (52 %)	7.463	1.0700
GSF	.000	+-.000 (218 %)	4	+13 (218 %)	.091	.1464
LMB	.043	+-.125 (190 %)	266	80-452 (70 %)	5.788	1.8616
NOP		*** NOT RECORDED ***		*** NOT RECORDED ***		
WAM	.000	+-.000 (151 %)	3	+8 (181 %)	.061	.3797
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.054	+-.135 (152 %)	693	437-949 (37 %)	15.060	.7423

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=2 LAKE :=MONEE RESERVOIR
 DISTRICT :=10 YEAR :=96
 ACREAGE :=46 SAMPLING RATIO :=306/816 = 37.5%
 RATIO OF EFFORT HOURS INTERVIEWED := 7724.5/32528.1 = 23.74%
 NUMBER OF INTERVIEWS: 1335

COMBINED ACROSS STRATA:

YEAR PERIOD 05/18 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLB	.000	(0 %)	1	(0 %)	.05	.02
BLC	.003	.000-.005 (92 %)	114	12-216 (89 %)	6.15	2.49
BLG	.007	.001-.013 (85 %)	329	85-572 (74 %)	17.66	7.15
CCF	.025	.016-.033 (36 %)	840	554-1126 (34 %)	45.13	18.27
GSF	.001	+- .003 (181 %)	39	+-104 (165 %)	2.12	.86
LMB	.075	.031-.120 (59 %)	1665	1321-2008 (21 %)	89.43	36.19
NOP	.000	+- .000 (430 %)	2	+-9 (430 %)	.09	.04
WAM	.000	+- .000 (196 %)	7	+-19 (152 %)	.40	.16
MSC	*** NOT RECORDED ***		*** NOT RECORDED ***			
TOT	.111	.065-.157 (42 %)	2998	2404-3592 (20 %)	161.03	65.17

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AUG WT(G)
BLB	.000	(0 %)		(0 %)	.023	428.0
BLC	.000	.000-.000 (94 %)	9	1-18 (89 %)	.504	81.9
BLG	.000	.000-.001 (85 %)	25	8-43 (69 %)	1.365	77.3
CCF	.008	.005-.011 (39 %)	258	162-354 (37 %)	13.846	306.8
GSF	.000	+- .000 (205 %)	2	+-6 (196 %)	.113	53.3
LMB	.045	+- .094 (108 %)	647	486-808 (25 %)	34.740	338.5
NOP	.000	+- .000 (430 %)		+-2 (430 %)	.016	176.9
WAM	.000	+- .000 (151 %)	1	+-4 (181 %)	.068	172.2
MSC	*** NOT RECORDED ***		*** NOT RECORDED ***			
TOT	.054	.005-.103 (90 %)	943	749-1138 (21 %)	50.675	314.7

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AUG WT(LB)
BLB	.000	(0 %)		(0 %)	.021	.9435
BLC	.000	.000-.000 (94 %)	21	2-39 (89 %)	.449	.1807
BLG	.001	.000-.002 (85 %)	56	18-94 (69 %)	1.213	.1704
CCF	.013	.011-.025 (39 %)	568	356-780 (37 %)	12.354	.6763
GSF	.000	+- .000 (205 %)	5	+-14 (196 %)	.101	.1176
LMB	.100	+- .207 (108 %)	1426	1071-1781 (25 %)	30.995	.8564
NOP	.000	+- .000 (430 %)		+-3 (430 %)	.014	.3900
WAM	.000	+- .000 (151 %)	3	+-8 (181 %)	.061	.3797
MSC	*** NOT RECORDED ***		*** NOT RECORDED ***			
TOT	.119	.012-.227 (90 %)	2080	1651-2508 (21 %)	45.212	.6938

TABLE MONEE RESERVOIR 1996 DAY CREEL FINAL REPORT
DAYTIME DATA FOR LAKE=MONEE RESERVOIR CREEL BEGUN IN YEAR=96

SECTION 1 FROM 05/18 TO 05/31
SECTION 1 FROM 06/01 TO 06/15
SECTION 1 FROM 06/16 TO 08/31
SECTION 1 FROM 09/01 TO 09/30

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF.INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	3.9	3.7 - 4.2 (6%)	.7	11.7	209
SHORE	3.1	2.9 - 3.2 (4%)	.3	12	658
BOAT & SHORE	3.3	3.1 - 3.4 (4%)	.3	12	867

352 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS
84.9% OF ALL 1021 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF.INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED IN MILES	13.3	12.6 - 14.1 (5%)	1	250	990
SUCCESS RATING 1-10?	5.8	5.7 - 6 (3%)	1	10	964

IS CATCH ILLEGAL?

CLERK NOTED 5 OUT OF 1021 INTERVIEWS HAD ILLEGAL CATCHES

# INTERVIEWS (AND %) PER SPECIES SOUGHT				PARTY SIZE VS. # INTERVIEWS			
				BOAT		SHORE	
ANY	853 (83.5%)	BSS	57 (5.6%)	1	26	1	224
CCF	26 (2.5%)	SUN	1 (.1%)	2	124	2	276
BLC	9 (.9%)	LMB	60 (5.9%)	3	58	3	166
BLG	13 (1.3%)	CRP	2 (.2%)	4	12	4	83
				5	1	5	22
				6		6	19
				7	1	7	3
				8		8	2
				9		9	
				10+		10+	4

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=4 LAKE :=LAKE PITTSFIELD
 DISTRICT :=15 YEAR :=96
 ACREAGE :207 SAMPLING RATIO :=324/738 = 43.9%
 NUMBER OF INTERVIEWS:2017

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD
BOAT FISHING:					
WEEKDAY	5221	4382-6060 (16%)	25	21-29 (16%)	21.67
WKND/HOL	5032	4416-5648 (12%)	24	21-27 (12%)	42.01
STR TOTAL	10253	9217-11289 (10%)	50	45-55 (10%)	31.66
SHORE FISHING:					
WEEKDAY	7885	6809-8961 (14%)	38	33-43 (14%)	18.15
WKND/HOL	8159	6991-9327 (14%)	39	34-45 (14%)	31.09
STR TOTAL	16044	14472-17616 (10%)	78	70-85 (10%)	24.73
BOAT/SHORE COALESCED:					
WEEKDAY	12849	11197-14501 (13%)	62	54-70 (13%)	19.95
WKND/HOL	13059	11493-14625 (12%)	63	56-71 (12%)	35.62
STR TOTAL	25908	23646-28170 (9%)	125	114-136 (9%)	27.84
BOAT/SHORE STRATIFIED:					
WEEKDAY	13106	11752-14460 (10%)	63	57-70 (10%)	19.56
WKND/HOL	13194	11884-14504 (10%)	64	57-70 (10%)	35.25
STR TOTAL	26300	24427-28173 (7%)	127	118-136 (7%)	27.43

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=4 LAKE :=LAKE PITTSFIELD
 DISTRICT :=15 YEAR :=93
 ACREAGE :=207 SAMPLING RATIO :=648/1476 = 43.9%
 RATIO OF EFFORT HOURS INTERVIEWED := 7214/26303.1 = 27.42%
 NUMBER OF INTERVIEWS: 2017

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 09/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:
 YEB CAP BGM BLB
 SUBSTANTIUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACPE
BLC	.092	.063-.121 (31 %)	3021	2172-3869 (28 %)	36.06	14.59
BLG	.254	.186-.322 (27 %)	13704	9402-18006 (31 %)	163.58	66.20
CCF	.011	.004-.018 (60 %)	255	147-363 (42 %)	3.05	1.23
FCF	.000	+- .000 (102 %)	16	+-31 (101 %)	.19	.09
GSF	.012	.005-.019 (56 %)	687	91-1282 (87 %)	8.19	3.32
LMB	.005	.003-.008 (46 %)	198	123-274 (38 %)	2.37	.96
SBH	.007	+- .016 (122 %)	104	+-225 (116 %)	1.24	.51
WAE	.002	.000-.004 (98 %)	52	22-83 (59 %)	.62	.25
WHC	.650	.531-.769 (18 %)	21139	17739-24540 (16 %)	252.34	102.12
MSC	.005	.000-.010 (84 %)	157	81-233 (49 %)	1.87	.76
TOT	1.040	.891-1.189 (14 %)	39333	33006-45660 (16 %)	469.52	190.01

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLC	.012	.008-.017 (37 %)	370	269-472 (27 %)	4.418	122.5
BLG	.026	.020-.033 (26 %)	1411	986-1837 (30 %)	16.846	103.0
CCF	.013	.005-.021 (61 %)	374	197-552 (47 %)	4.469	1467.0
FCF	.000	+- .000 (107 %)	8	+-15 (103 %)	.090	484.4
GSF	.001	.000-.002 (51 %)	78	19-137 (75 %)	.933	113.8
LMB	.006	.003-.009 (53 %)	177	104-251 (41 %)	2.117	894.2
SBH	.004	+- .010 (126 %)	51	+-117 (131 %)	.607	487.9
WAE	.002	.000-.005 (98 %)	51	13-89 (74 %)	.607	971.6
WHC	.068	.055-.080 (18 %)	2086	1767-2406 (15 %)	24.902	98.7
MSC	.003	.000-.005 (88 %)	67	31-104 (54 %)	.805	429.5
TOT	.136	.117-.154 (13 %)	4674	4033-5315 (14 %)	55.793	118.8

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLC	.027	.017-.037 (37 %)	816	592-1040 (27 %)	3.942	.2701
BLG	.058	.043-.073 (26 %)	3111	2173-4049 (30 %)	15.030	.2270
CCF	.028	.011-.045 (61 %)	825	434-1216 (47 %)	3.987	3.2341
FCF	.000	+- .000 (107 %)	17	+-34 (103 %)	.080	1.0678
GSF	.003	.002-.005 (51 %)	172	42-302 (75 %)	.832	.2509
LMB	.012	.006-.019 (53 %)	391	229-553 (41 %)	1.899	1.9714
SBH	.009	+- .021 (126 %)	112	+-259 (131 %)	.542	1.0756
WAE	.005	.000-.011 (98 %)	112	29-195 (74 %)	.541	2.1419
WHC	.150	.122-.177 (18 %)	4599	3895-5303 (15 %)	22.218	.2176
MSC	.006	.000-.011 (88 %)	149	69-229 (54 %)	.718	.9469
TOT	.299	.259-.339 (13 %)	10304	8892-11717 (14 %)	49.779	.2620

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=4 LAKE :=LAKE PITTSFIELD
 DISTRICT :=15 YEAR :=96
 ACREAGE :207 SAMPLING RATIO :=648/1476 = 43.9%
 RATIO OF EFFORT HOURS INTERVIEWED := 7214/26303.1 = 27.42%
 NUMBER OF INTERVIEWS: 2017

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:
 WHC BLC LMB WAE BLG CCF GSF SBH FCF
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BGH	.000	+-.000 (183 %)	5	+14 (159 %)	.06	.03
BLB	.002	+-.004 (154 %)	50	4-97 (92 %)	.60	.25
CAP	.000	+-.001 (205 %)	17	+36 (111 %)	.20	.08
YEE	.003	.000-.006 (91 %)	84	42-127 (51 %)	1.01	.41
MSC	1.035	.886-1.184 (14 %)	39176	32851-45502 (16 %)	467.65	189.26
TOT	1.040	.891-1.189 (14 %)	39333	33006-45660 (16 %)	469.52	190.01

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BGH	.000	+-.000 (183 %)	20	+2 (163 %)	.010	152.0
BLB	.000	+-.002 (163 %)	13	+43 (109 %)	.244	405.6
CAP	.000	+-.000 (177 %)	33	+27 (110 %)	.153	762.1
YEE	.002	+-.003 (120 %)	4607	15-52 (56 %)	.398	395.1
MSC	.133	.115-.151 (14 %)	3966-5247 (14 %)	54.988	117.6	
TOT	.136	.117-.154 (13 %)	4674	4033-5315 (14 %)	55.793	118.8

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BGH	.000	+-.000 (183 %)	2	+5 (163 %)	.009	.3352
BLB	.002	+-.005 (163 %)	45	+94 (109 %)	.217	.8941
CAP	.000	+-.002 (177 %)	28	+60 (110 %)	.137	1.6800
YEE	.003	+-.007 (120 %)	74	32-115 (56 %)	.355	.8710
MSC	.293	.253-.333 (14 %)	10156	8743-11568 (14 %)	49.061	.2592
TOT	.299	.259-.339 (13 %)	10304	8892-11717 (14 %)	49.779	.2620

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=4 LAKE :=LAKE PITTSFIELD
 DISTRICT :=15 YEAR :=76
 ACREAGE :=207 SAMPLING RATIO :=648/1476 = 43.9%
 RATIO OF EFFORT HOURS INTERVIEWED := 7214/26303.1 = 27.42%
 NUMBER OF INTERVIEWS: 2017

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

YEB CAP 8GH BLB

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: CAUGHT

SPEC	M/HR	95% CI	M CAUGHT	95% CI	M/HA	M/ACRE
BLC	.097	.065-.129 (33 %)	3192	2272-4111 (29 %)	38.10	15.42
BLG	.346	.272-.419 (21 %)	17516	12994-22039 (26 %)	209.09	84.62
CCF	.013	.006-.020 (54 %)	318	201-434 (37 %)	3.79	1.54
FCF	.000	+-0.000 (102 %)	16	+-31 (101 %)	.19	.08
GSF	.027	.017-.038 (39 %)	1226	669-1782 (45 %)	14.63	5.92
LMB	.168	.117-.218 (30 %)	4081	3414-4747 (16 %)	48.71	19.71
SBH	.019	.008-.029 (57 %)	414	263-564 (36 %)	4.94	2.00
WAE	.010	.004-.016 (58 %)	236	154-319 (35 %)	2.82	1.14
WHC	1.073	.891-1.255 (17 %)	32201	27679-36722 (14 %)	384.38	155.56
MSC	.009	.003-.014 (62 %)	219	132-306 (40 %)	2.61	1.06
TOT	1.761	1.556-1.967 (12 %)	59417	52095-66740 (12 %)	709.27	287.04

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AUG WT(G)
BLC	.012	.008-.017 (37 %)	385	279-491 (28 %)	4.597	120.6
BLG	.032	.025-.040 (22 %)	1660	1213-2106 (27 %)	19.810	94.7
CCF	.013	.006-.021 (58 %)	406	228-565 (44 %)	4.851	123.9
FCF	.000	+-0.000 (107 %)	8	+-15 (103 %)	.090	484.4
GSF	.003	.002-.004 (37 %)	115	60-170 (48 %)	1.374	93.9
LMB	.078	.049-.106 (37 %)	1723	1399-2048 (19 %)	20.571	422.3
SBH	.009	.003-.014 (69 %)	157	84-229 (46 %)	1.868	379.5
WAE	.005	.002-.007 (60 %)	99	57-141 (42 %)	1.179	417.7
WHC	.093	.078-.109 (16 %)	2717	2342-3093 (14 %)	32.438	84.4
MSC	.003	.000-.006 (73 %)	79	42-116 (47 %)	.939	359.6
TOT	.243	.215-.281 (13 %)	7348	6578-8118 (10 %)	87.717	123.7

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AUG WT(LB)
BLC	.028	.017-.038 (37 %)	849	615-1083 (28 %)	4.101	.2660
BLG	.071	.055-.087 (22 %)	3659	2674-4643 (27 %)	17.674	.2099
CCF	.030	.012-.047 (58 %)	896	502-1290 (44 %)	4.328	2.3194
FCF	.000	+-0.000 (107 %)	17	+-34 (103 %)	.080	1.0673
GSF	.006	.004-.008 (37 %)	254	132-376 (48 %)	1.226	.2071
LMB	.171	.108-.233 (37 %)	3799	3084-4514 (19 %)	18.353	.9310
SBH	.019	.006-.032 (69 %)	345	185-505 (46 %)	1.667	.8344
WAE	.010	.004-.016 (60 %)	218	125-310 (42 %)	1.052	.9209
WHC	.206	.172-.239 (16 %)	5991	5163-6819 (14 %)	23.941	.1860
MSC	.007	.002-.013 (73 %)	173	92-255 (47 %)	.838	.7923
TOT	.547	.475-.620 (13 %)	16200	14503-17897 (10 %)	78.261	.2726

CAUGHT AND CPUE TABLE

*** DAY ***

REGION :=4

LAKE :=LAKE PITTSFIELD

DISTRICT :=15

YEAR :=96

ACREAGE :=207

SAMPLING RATIO :=648/1476 = 43.9%

RATIO OF EFFORT HOURS INTERVIEWED := 7214/26303.1 = 27.42%

NUMBER OF INTERVIEWS: 2017

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

WHC BLG LMB WAE BLG CCF GSF SBH FCF

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BGH	.000	+-.002 (197 %)	10	+24 (137 %)	.12	.05
BLB	.002	+-.005 (129 %)	61	11-111 (83 %)	.73	.30
CAP	.000	+-.001 (205 %)	17	+36 (111 %)	.20	.08
YEB	.006	.001-.010 (74 %)	131	73-189 (44 %)	1.56	.63
MSC	1.753	1.547-1.958 (12 %)	59198	51877-66520 (12 %)	706.65	285.98
TOT	1.761	1.556-1.967 (12 %)	59417	52095-66740 (12 %)	709.27	287.04

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BGH	.000	+-.000 (186 %)	1	+3 (131 %)	.016	135.5
BLB	.000	+-.002 (151 %)	22	+45 (101 %)	.266	365.5
CAP	.000	+-.000 (177 %)	13	+27 (110 %)	.153	762.1
YEB	.002	.000-.004 (90 %)	42	22-62 (48 %)	.504	322.4
MSC	.245	.212-.278 (13 %)	7270	6500-8039 (11 %)	86.777	122.8
TOT	.248	.215-.281 (13 %)	7348	6578-8118 (10 %)	87.717	123.7

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BGH	.000	+-.000 (186 %)	3	+7 (131 %)	.015	.2988
BLB	.002	+-.005 (151 %)	49	+98 (101 %)	.237	.8053
CAP	.000	+-.002 (177 %)	28	+60 (110 %)	.137	1.6900
YEB	.005	.000-.009 (90 %)	93	48-138 (48 %)	.449	.7109
MSC	.540	.468-.612 (13 %)	16027	14330-17723 (11 %)	77.423	.2707
TOT	.547	.475-.620 (13 %)	16200	14503-17897 (10 %)	78.261	.2726

TABLE PITTSFIELD LAKE 1996 DAY CREEL FINAL REPORT
DAYTIME DATA FOR LAKE=LAKE PITTSFIELD CREEL BEGUN IN YEAR=96

SECTION 1 FROM 03/15 TO 04/08
SECTION 1 FROM 04/09 TO 04/30
SECTION 1 FROM 05/01 TO 05/31
SECTION 1 FROM 06/01 TO 06/15
SECTION 1 FROM 06/16 TO 08/31
SECTION 1 FROM 09/01 TO 09/30
SECTION 1 FROM 10/01 TO 10/31
SECTION 1 FROM 11/01 TO 11/15

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	3.3	3.1 - 3.5 (7%)	.4	12.7	263
SHORE	1.8	1.7 - 1.9 (6%)	.3	7.5	357
BOAT & SHORE	2.4	2.3 - 2.6 (5%)	.3	12.7	620

186 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS
33.5% OF ALL 1853 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED IN MILES	25.5	23.7 - 27.3 (7%)	1	300	1661
SUCCESS RATING 1-10?	3.1	2.9 - 3.2 (4%)	1	10	1660

IS CATCH ILLEGAL?

CLERK NOTED 18 OUT OF 1853 INTERVIEWS HAD ILLEGAL CATCHES

# INTERVIEWS (AND %) PER SPECIES SOUGHT				PARTY SIZE VS. # INTERVIEWS			
				BOAT	SHORE		
ANY	495 (26.7%)	CRP	521 (28.1%)	1	200	1	426
CAT	431 (23.3%)	LMB	244 (13.2%)	2	379	2	431
WAE	35 (1.9%)	SBH	25 (1.3%)	3	06	3	153
CAP	18 (1%)	BLG	82 (4.4%)	4	36	4	84
BSS	1 (.1%)	WHC	1 (.1%)	5		5	21
				6		6	25
				7		7	6
				8		8	4
				9		9	
				10+		10+	2

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=5 LAKE :=RAMSEY LAKE
 DISTRICT :=22 YEAR :=96
 ACREAGE :=53 SAMPLING RATIO :=324/738 = 43.9%
 NUMBER OF INTERVIEWS:1529

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD
	-----	-----	-----	-----	-----
BOAT FISHING:					
WEEKDAY	6627	5630-7624 (15%)	125	106-144 (15%)	24.52
WKND/HOL	7668	6801-8535 (11%)	145	128-161 (11%)	50.05
STR TOTAL	14295	12994-15596 (9%)	270	245-294 (9%)	38.22
SHORE FISHING:					
WEEKDAY	3023	2502-3544 (17%)	57	47-67 (17%)	15.35
WKND/HOL	2276	1963-2589 (14%)	43	37-49 (14%)	30.54
STR TOTAL	5299	4693-5905 (11%)	100	89-111 (11%)	21.87
BOAT/SHORE COALESCED:					
WEEKDAY	9456	8243-10669 (13%)	178	156-201 (13%)	22.09
WKND/HOL	9703	8758-10648 (10%)	183	165-201 (10%)	46.72
STR TOTAL	19159	17637-20681 (8%)	361	333-390 (8%)	34.56
BOAT/SHORE STRATIFIED:					
WEEKDAY	9652	8534-10770 (12%)	182	161-203 (12%)	21.64
WKND/HOL	9946	9028-10864 (9%)	188	170-205 (9%)	45.58
STR TOTAL	19598	18169-21027 (7%)	370	343-397 (7%)	33.79

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=5 LAKE :=RAMSEY LAKE
 DISTRICT :=22 YEAR :=96
 ACREAGE :=53 SAMPLING RATIO :=648/1476 = 43.9%
 RATIO OF EFFORT HOURS INTERVIEWED := 6622/19600.6 = 33.78%
 NUMBER OF INTERVIEWS: 1529

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVST	95% CI	#/HA	#/ACRE
BLC	.103	.062-.144 (40 %)	1992	1431-2552 (28 %)	92.85	37.58
BLG	.350	.275-.425 (21 %)	9482	7926-11039 (16 %)	442.09	178.91
CCF	.012	.005-.019 (56 %)	468	263-673 (44 %)	21.82	9.83
GSF	.000	+-.000 (245 %)	3	+-.9 (245 %)	.13	.05
LMB	.008	.004-.012 (48 %)	243	153-327 (35 %)	11.31	4.53
RSF	.015	.008-.022 (44 %)	470	241-679 (49 %)	21.90	9.37
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
WSH		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEB	.000	+-.000 (245 %)	1	+-.4 (245 %)	.06	.03
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.489	.401-.577 (18 %)	12659	10835-14482 (14 %)	590.17	238.84

SPEC	KG/HR	95% CI	KG HARVST	95% CI	KG/HA	AUG WT(G)
BLC	.021	.012-.029 (41 %)	387	285-488 (26 %)	18.029	194.2
BLG	.038	.030-.046 (22 %)	1023	853-1194 (17 %)	47.717	107.7
CCF	.011	.003-.019 (71 %)	349	200-497 (43 %)	16.248	744.6
GSF	.000	+-.000 (245 %)		+-.2 (245 %)	.022	176.0
LMB	.007	.003-.011 (52 %)	197	128-267 (35 %)	9.199	813.1
RSF	.003	.002-.005 (50 %)	90	43-132 (47 %)	4.181	190.9
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
WSH		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEB	.000	+-.000 (245 %)	1	+-.4 (245 %)	.055	724.7
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.080	.066-.094 (17 %)	2047	1769-2326 (14 %)	95.452	161.7

SPEC	LB/HR	95% CI	LB HARVST	95% CI	LB/ACRE	AUG WT(LB)
BLC	.045	.027-.064 (41 %)	853	623-1077 (26 %)	16.085	.4231
BLG	.084	.065-.102 (22 %)	2256	1881-2631 (17 %)	42.574	.2330
CCF	.024	.007-.041 (71 %)	769	440-1096 (43 %)	14.496	1.6415
GSF	.000	+-.000 (245 %)	1	+-.4 (245 %)	.020	.3891
LMB	.016	.008-.024 (52 %)	435	281-589 (35 %)	6.207	1.7925
RSF	.008	.004-.011 (50 %)	198	105-290 (47 %)	3.730	.4209
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
WSH		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEB	.000	+-.000 (245 %)	3	+-.9 (245 %)	.049	2.0387
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.177	.146-.207 (17 %)	4514	3900-5127 (14 %)	85.162	.3566

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=5 LAKE :=RAMSEY LAKE
 DISTRICT :=22 YEAR :=96
 ACREAGE :=53 SAMPLING RATIO :=348/1473 = 43.9%
 RATIO OF EFFORT HOURS INTERVIEWED := 6622/19600.6 = 33.78%
 NUMBER OF INTERVIEWS: 1529

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLC	.171	.113-.230 (34 %)	3555	2669-4440 (25 %)	165.72	67.07
BLG	.635	.529-.741 (17 %)	18151	15589-20713 (14 %)	846.24	342.47
CCF	.019	.011-.026 (39 %)	738	453-1022 (39 %)	34.39	13.92
GSF	.002	+--.005 (217 %)	14	+-29 (103 %)	.67	.27
LMB	.291	.234-.349 (20 %)	7781	6465-9097 (17 %)	362.76	146.31
RSF	.021	.012-.030 (43 %)	693	394-1002 (45 %)	32.30	13.07
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
WSH	.003	+--.003 (129 %)	64	+-132 (105 %)	3.00	1.22
YEB	.000	+--.000 (245 %)	1	+-4 (245 %)	.06	.03
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	1.142	1.006-1.279 (12 %)	30997	27491-34503 (11 %)	1445.15	534.85

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLC	.026	.017-.036 (36 %)	522	398-645 (24 %)	24.317	146.7
BLG	.049	.040-.059 (19 %)	1406	1163-1649 (17 %)	65.544	77.5
CCF	.012	.004-.020 (64 %)	398	243-550 (38 %)	18.578	540.3
GSF	.000	+--.000 (232 %)	2	+-3 (114 %)	.072	107.1
LMB	.105	.082-.127 (21 %)	2717	2206-3223 (19 %)	126.670	349.2
RSF	.004	.002-.006 (46 %)	116	65-166 (44 %)	5.338	166.8
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
WSH	.000	+--.000 (124 %)	3	+-7 (103 %)	.156	52.0
YEB	.000	+--.000 (245 %)	1	+-4 (245 %)	.055	924.7
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.197	.170-.224 (14 %)	5165	4505-5924 (13 %)	240.730	166.6

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLC	.053	.037-.079 (36 %)	1150	878-1421 (24 %)	21.695	.3235
BLG	.109	.088-.129 (19 %)	3099	2564-3635 (17 %)	53.478	.1708
CCF	.027	.010-.044 (64 %)	878	543-1214 (38 %)	16.575	1.1911
GSF	.000	+--.002 (232 %)	3	+-7 (114 %)	.064	.2362
LMB	.231	.192-.280 (21 %)	5990	4863-7117 (19 %)	113.015	.7699
RSF	.009	.005-.013 (46 %)	255	143-366 (44 %)	4.907	.3677
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
WSH	.000	+--.000 (124 %)	7	+-15 (103 %)	.139	.1147
YEB	.000	+--.000 (245 %)	3	+-9 (245 %)	.049	2.0387
MSC		*** NOT RECORDED ***		*** NOT RECORDED ***		
TOT	.434	.375-.493 (14 %)	11386	9932-12940 (13 %)	214.825	.3673

TABLE RAMSEY LAKE 1996 DAY CREEL FINAL REPORT
DAYTIME DATA FOR LAKE=RAMSEY LAKE CREEL BEGUN IN YEAR=96

SECTION 1 FROM 03/15 TO 04/08
SECTION 1 FROM 04/09 TO 04/30
SECTION 1 FROM 05/01 TO 05/31
SECTION 1 FROM 06/01 TO 06/15
SECTION 1 FROM 06/16 TO 08/31
SECTION 1 FROM 09/01 TO 09/30
SECTION 1 FROM 10/01 TO 10/31
SECTION 1 FROM 11/01 TO 11/15

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	4.2	4.1 - 4.4 (4%)	.5	11.2	508
SHORE	2.4	2.1 - 2.7 (12%)	.3	9.5	128
BOAT & SHORE	3.9	3.7 - 4 (4%)	.3	11.2	636

371 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS
52.6% OF ALL 1209 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED IN MILES	46.9	44.4 - 49.3 (5%)	1	300	1032
SUCCESS RATING 1-10?	4.4	4.3 - 4.6 (3%)	1	10	1014

IS CATCH ILLEGAL?

CLERK NOTED 17 OUT OF 1209 INTERVIEWS HAD ILLEGAL CATCHES

# INTERVIEWS (AND %) PER SPECIES SOUGHT				PARTY SIZE VS. # INTERVIEWS			
				BOAT	SHORE		
ANY	534 (44.2%)	LMB	182 (15.1%)	1	159	1	144
BLG	382 (31.6%)	CCF	36 (3%)	2	562	2	145
WHC	63 (5.2%)	BLC	9 (.7%)	3	119	3	44
RSF	2 (.2%)	BSS	1 (.1%)	4	20	4	15
				5		5	2
				6		6	
				7		7	
				8		8	
				9		9	
				10+		10+	

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :#5 LAKE :#REND LAKE
 DISTRICT :#32 YEAR :#96
 ACREAGE :16135 SAMPLING RATIO :#678/3690 = 18.3%
 NUMBER OF INTERVIEWS:2395

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 3
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 3 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 4 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 5
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 2
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 3 COALESCED WITH
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 4
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 3
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 3
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 3
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 3
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 3
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 3
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 4
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 4
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 4
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 4
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 4
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 4
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 5
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 5
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 5
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 5
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 5
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 5

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVL
BOAT FISHING:					
WEEKDAY	86778	77304-94252 (9%)	5	5-6	(9%) 3.77
WKND/HOL	71354	64769-78944 (10%)	4	4-5	(10%) 8.53
STR TOTAL	158134	148494-168774 (8%)	10	7-10	(8%) 6.05
SHORE FISHING:					
WEEKDAY	26628	23603-29648 (11%)	2	1-2	(11%) 2.83
WKND/HOL	15244	13714-16774 (10%)	-1	-1	(10%) 5.68
STR TOTAL	41872	38509-45235 (8%)	3	2-3	(8%) 3.87
BOAT/SHORE COALESCED:					
WEEKDAY	112952	104318-121586 (8%)	7	6-8	(8%) 3.74
WKND/HOL	86875	79153-94597 (9%)	5	5-6	(9%) 8.05
STR TOTAL	199827	186416-211233 (6%)	12	12-13	(6%) 5.31
BOAT/SHORE STRATIFIED:					
WEEKDAY	113403	105406-121410 (7%)	7	7-8	(7%) 3.72
WKND/HOL	87102	79867-94337 (8%)	5	5-6	(8%) 8.03
STR TOTAL	200510	189865-211155 (5%)	12	12-13	(5%) 5.57

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=5 LAKE :=REND LAKE
 DISTRICT :=32 YEAR :=96
 ACREAGE :16135 SAMPLING RATIO :=1356/7380 = 18.3%
 RATIO OF EFFORT HOURS INTERVIEWED := 11214.4/200512 = 5.59%
 NUMBER OF INTERVIEWS: 2895

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 5
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 3 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 4 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 5
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 2
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 3 COALESCED WITH
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 4
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 3
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 3
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 3
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 3
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 3
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 3
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 4
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 4
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 4
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 4
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 4
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 4
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 5
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 5
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 5
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 5
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 5
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 5

MSC SPECIES CAUGHT:

WAM FRD FCF YEB LOS SHG BLB GZS ORS

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLC	.003	.000-.005 (86 %)	613	66-1161 (89 %)	.09	.04
BLG	.092	.059-.125 (36 %)	20021	12968-27075 (35 %)	3.07	1.24
CCF	.049	.036-.062 (26 %)	10927	8230-13624 (25 %)	1.67	.63
GSF	*** NOT RECORDED ***		*** NOT RECORDED ***			
LMB	.005	+- .010 (120 %)	1597	782-2411 (51 %)	.24	.10
SBH	.000	+- .000 (158 %)	136	+-373 (175 %)	.02	.01
WHB	.014	.007-.022 (50 %)	6533	+-14894 (128 %)	1.00	.41
WHC	.320	.264-.376 (18 %)	106589	85439-127740 (20 %)	16.32	6.61
YLB	*** NOT RECORDED ***		*** NOT RECORDED ***			
MSC	.014	+- .033 (141 %)	2809	447-5171 (84 %)	.43	.18
TOT	.497	.423-.570 (15 %)	149225	123332-175118 (17 %)	22.85	9.25

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLC	.000	.000-.000 (73 %)	96	22-171 (77 %)	.015	157.2
BLG	.007	.004-.009 (37 %)	1518	948-2088 (38 %)	.232	75.8
CCF	.028	.019-.037 (32 %)	6030	4435-7625 (26 %)	.923	551.8
GSF	*** NOT RECORDED ***		*** NOT RECORDED ***			
LMB	.004	+- .008 (109 %)	1373	685-2061 (50 %)	.210	860.2
SBH	.000	+- .000 (182 %)	90	+-202 (125 %)	.014	661.8
WHB	.004	.002-.006 (49 %)	1905	+-4182 (120 %)	.292	291.5
WHC	.053	.043-.062 (18 %)	19039	14590-23489 (23 %)	2.916	178.6
YLB	*** NOT RECORDED ***		*** NOT RECORDED ***			
MSC	.002	.000-.003 (64 %)	449	117-782 (74 %)	.069	160.0
TOT	.097	.084-.111 (14 %)	30501	24522-36480 (20 %)	4.671	204.4

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLC	.000	.000-.001 (73 %)	213	49-376 (77 %)	.013	.3467
BLG	.015	.009-.020 (37 %)	3347	2091-4603 (38 %)	.207	.1672
CCF	.061	.042-.081 (32 %)	13294	9777-16810 (26 %)	.824	1.2166
GSF	*** NOT RECORDED ***		*** NOT RECORDED ***			
LMB	.008	+- .017 (109 %)	3028	1511-4544 (50 %)	.188	1.8963
SBH	.000	+- .002 (182 %)	198	+-446 (125 %)	.012	1.4590
WHB	.009	.005-.014 (49 %)	4199	+-9219 (120 %)	.260	.6427
WHC	.116	.095-.137 (18 %)	41974	32165-51783 (23 %)	2.601	.3938
YLB	*** NOT RECORDED ***		*** NOT RECORDED ***			
MSC	.004	.001-.006 (64 %)	991	258-1724 (74 %)	.061	.3523
TOT	.215	.185-.244 (14 %)	67242	54061-80423 (20 %)	4.167	.4506

MSC SPECIES CAUGHT:

WMC BLG LMB BLC CCF MHB YLB SBH GSF

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLB	.000	+-.001 (172 %)	154	+-.439 (185 %)	.02	.01
FCF	.000	+-.000 (155 %)	40	+-.86 (116 %)	.00	.00
FRD	.001	+-.003 (385 %)	171	+-.423 (147 %)	.03	.01
GZS	*** NOT RECORDED ***		*** NOT RECORDED ***			
LQS	.011	+-.030 (182 %)	1785	+-.4008 (125 %)	.27	.11
ORS	.000	+-.000 (430 %)	3	+-.18 (430 %)	.00	.00
SHG	*** NOT RECORDED ***		*** NOT RECORDED ***			
WAM	.000	+-.002 (116 %)	600	+-.1746 (191 %)	.09	.04
YEB	.000	+-.000 (658 %)	56	+-.143 (156 %)	.00	.00
MSC	.483	.414-.552 (14 %)	146416	120257-172576 (18 %)	22.42	9.08
TOT	.497	.423-.570 (15 %)	149225	123332-175118 (17 %)	22.85	9.25

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLB	.000	+-.001 (172 %)	171	+-.488 (185 %)	.026	1112.0
FCF	.000	+-.000 (123 %)	78	+-.215 (174 %)	.012	1983.2
FRD	.000	+-.000 (111 %)	62	1-123 (98 %)	.010	363.1
GZS	*** NOT RECORDED ***		*** NOT RECORDED ***			
LQS	.000	+-.000 (182 %)	42	+-.94 (125 %)	.006	23.4
ORS	.000	+-.000 (430 %)		+-.30931 (430 %)	.000	17.5
SHG	*** NOT RECORDED ***		*** NOT RECORDED ***			
WAM	.000	+-.000 (108 %)	72	+-.190 (165 %)	.011	119.6
YEB	.000	+-.000 (244 %)	24	+-.106 (346 %)	.004	425.7
MSC	.096	.082-.109 (14 %)	30051	24066-36036 (20 %)	4.602	205.2
TOT	.097	.084-.111 (14 %)	30501	24522-36480 (20 %)	4.671	204.4

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLB	.001	+-.003 (172 %)	378	+-.1075 (185 %)	.023	2.4515
FCF	.000	+-.002 (123 %)	173	+-.474 (174 %)	.011	4.3721
FRD	.000	+-.002 (111 %)	137	3-272 (98 %)	.009	.8006
GZS	*** NOT RECORDED ***		*** NOT RECORDED ***			
LQS	.000	+-.002 (182 %)	92	+-.207 (125 %)	.006	.0517
ORS	.000	+-.000 (430 %)		+-.68191 (430 %)	.000	.0396
SHG	*** NOT RECORDED ***		*** NOT RECORDED ***			
WAM	.000	+-.000 (108 %)	158	+-.419 (165 %)	.010	.2636
YES	.000	+-.000 (244 %)	52	+-.234 (346 %)	.003	.9385
MSC	.211	.182-.240 (14 %)	66251	53057-79445 (20 %)	4.106	.4525
TOT	.215	.185-.244 (14 %)	67242	54061-80423 (20 %)	4.167	.4506

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=5 LAKE :=REND LAKE
 DISTRICT :=32 YEAR :=76
 ACREAGE :14135 SAMPLING RATIO :=1356/7380 = 18.3%
 RATIO OF EFFORT HOURS INTERVIEWED := 11214.4/200512 = 5.59%
 NUMBER OF INTERVIEWS: 2895

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 5
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 2 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 3 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 4 COALESCED WITH
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 5
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 2
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 2
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 2
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 2
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 2
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 2
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 3 COALESCED WITH
 YEAR PERIOD 03/15 TO 04/08 OF SECTION 4
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 3
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 3
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 3
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 3
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 3
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 3
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 4
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 4
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 4
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 4
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 4
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 4
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 5
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 5
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 5
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 5
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 5
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 5

MSC SPECIES CAUGHT:

WAM FRD FCF YEB LOS SHG BLB GZS ORS

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLC	.011	.002-.020 (85 %)	1639	745-2533 (55 %)	.25	.10
BLG	.154	.109-.198 (29 %)	33329	24513-42144 (26 %)	5.10	2.07
CCF	.062	.037-.088 (40 %)	12986	10046-15926 (23 %)	1.99	.81
GSF	.000	+-.000 (164 %)	121	+362 (200 %)	.02	.00
LMB	.100	.086-.114 (14 %)	40656	34942-46371 (14 %)	6.23	2.52
SBH	.000	.000-.002 (88 %)	421	+860 (104 %)	.06	.03
WHB	.030	.018-.042 (41 %)	11398	1395-21402 (88 %)	1.75	.71
WHC	.715	.575-.855 (20 %)	208880	171284-246477 (18 %)	31.99	12.95
YLB	.005	+-.010 (103 %)	1385	+3119 (125 %)	.21	.09
MSC	.029	.010-.048 (66 %)	7607	4493-10722 (41 %)	1.17	.47
TOT	1.106	.952-1.260 (14 %)	318423	274552-362293 (14 %)	48.76	19.74

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AUG WT(G)
BLC	.000	.000-.001 (58 %)	136	62-210 (54 %)	.021	32.9
BLG	.009	.006-.012 (32 %)	1959	1344-2573 (31 %)	.300	58.8
CCF	.029	.020-.039 (31 %)	6556	4930-8183 (25 %)	1.004	504.9
GSF	.000	+-.000 (177 %)	6	+17 (204 %)	.000	45.9
LMB	.046	.040-.053 (14 %)	19834	16937-22731 (15 %)	3.037	487.8
SBH	.000	.000-.001 (100 %)	226	-452 (100 %)	.035	537.3
WHB	.006	.004-.009 (42 %)	2574	93-5054 (96 %)	.394	225.8
WHC	.074	.061-.086 (17 %)	25771	20527-31015 (20 %)	3.947	123.4
YLB	.000	.000-.000 (86 %)	117	+249 (112 %)	.018	84.5
MSC	.005	.003-.006 (33 %)	1132	736-1528 (35 %)	.173	148.8
TOT	.171	.153-.189 (10 %)	58310	51094-65526 (12 %)	8.930	183.1

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AUG WT(LB)
BLC	.001	.000-.002 (58 %)	300	137-463 (54 %)	.019	.1828
BLG	.020	.013-.026 (32 %)	4318	2964-5671 (31 %)	.268	.1296
CCF	.065	.045-.085 (31 %)	14454	10868-18040 (25 %)	.896	1.1130
GSF	.000	+-.000 (177 %)	12	+37 (204 %)	.000	.1013
LMB	.102	.088-.117 (14 %)	43726	37338-50114 (15 %)	2.710	1.0755
SBH	.001	.000-.003 (100 %)	499	-998 (100 %)	.031	1.1846
WHB	.014	.008-.020 (42 %)	5674	205-11142 (96 %)	.352	.4978
WHC	.163	.135-.191 (17 %)	56815	45255-68375 (20 %)	3.521	.2720
YLB	.000	.000-.001 (86 %)	258	+548 (112 %)	.016	.1864
MSC	.010	.007-.013 (33 %)	2495	1622-3369 (35 %)	.155	.3280
TOT	.377	.337-.417 (10 %)	128551	112642-144459 (12 %)	7.967	.4037

MSC SPECIES CAUGHT:
 WHC BLG LMB BLC CCF WHB YLB SBH GSF
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLB	.000	+- .001 (172 %)	154	+-439 (185 %)	.02	.01
FCF	.000	+- .000 (155 %)	40	+-86 (116 %)	.00	.00
FRD	.007	.003-.010 (53 %)	1403	656-2149 (53 %)	.21	.09
GZS	.000	+- .002 (278 %)	30	+-113 (278 %)	.00	.00
LOS	.015	+- .035 (127 %)	3487	855-6120 (75 %)	.53	.22
ORS	.000	+- .000 (430 %)	3	+-18 (430 %)	.00	.00
SHG	.000	+- .000 (226 %)	10	+-41 (291 %)	.00	.00
WAM	.003	.002-.005 (49 %)	1764	425-3104 (76 %)	.27	.11
YEB	.002	.000-.004 (80 %)	716	+-1566 (119 %)	.11	.05
MSC	1.077	.926-1.229 (14 %)	310815	267014-354617 (14 %)	47.60	19.27
TOT	1.106	.952-1.260 (14 %)	318423	274552-362293 (14 %)	48.76	19.74

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLB	.000	+- .001 (172 %)	171	+-488 (185 %)	.026	1112.0
FCF	.000	+- .000 (123 %)	78	+-215 (174 %)	.012	1933.2
FRD	.002	.001-.003 (49 %)	444	237-650 (47 %)	.068	316.5
GZS	.000	+- .000 (278 %)		+-1 (278 %)	.000	11.7
LOS	.000	+- .000 (125 %)	84	22-146 (74 %)	.013	24.0
ORS	.000	+- .000 (430 %)		+- .30931 (430 %)	.000	17.5
SHG	.000	+- .000 (221 %)	15	+-58 (283 %)	.002	1439.9
WAM	.000	.000-.000 (55 %)	174	49-299 (72 %)	.027	98.5
YEB	.000	+- .001 (112 %)	165	33-297 (80 %)	.025	230.8
MSC	.166	.149-.184 (11 %)	57178	49978-64379 (13 %)	8.756	184.0
TOT	.171	.153-.189 (10 %)	58310	51094-65526 (12 %)	8.930	183.1

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLB	.001	+- .003 (172 %)	378	+-1075 (185 %)	.023	2.4515
FCF	.000	+- .002 (123 %)	173	+-474 (174 %)	.011	4.3721
FRD	.005	.002-.007 (49 %)	979	523-1434 (47 %)	.061	.6978
GZS	.000	+- .000 (278 %)		+-3 (278 %)	.000	.0257
LOS	.000	+- .002 (125 %)	185	48-321 (74 %)	.011	.0530
ORS	.000	+- .000 (430 %)		+- .68191 (430 %)	.000	.0386
SHG	.000	+- .001 (221 %)	33	+-127 (283 %)	.002	3.1745
WAM	.000	.000-.001 (55 %)	383	107-659 (72 %)	.024	.2171
YEB	.001	+- .003 (112 %)	364	73-655 (80 %)	.023	.5088
MSC	.367	.328-.406 (11 %)	126055	110181-141929 (13 %)	7.813	.4056
TOT	.377	.337-.417 (10 %)	128551	112642-144459 (12 %)	7.967	.4037

TABLE REND LAKE 1996 DAY CREEL FINAL REPORT

DAYTIME DATA FOR LAKE=REND LAKE CREEL BEGUN IN YEAR=96

SECTION 1	FROM	03/15	TO	04/08
SECTION 1	FROM	04/09	TO	04/30
SECTION 1	FROM	05/01	TO	05/31
SECTION 1	FROM	06/01	TO	06/15
SECTION 1	FROM	06/16	TO	08/31
SECTION 1	FROM	09/01	TO	09/30
SECTION 1	FROM	10/01	TO	10/31
SECTION 1	FROM	11/01	TO	11/15
SECTION 2	FROM	03/15	TO	04/08
SECTION 2	FROM	04/09	TO	04/30
SECTION 2	FROM	05/01	TO	05/31
SECTION 2	FROM	06/01	TO	06/15
SECTION 2	FROM	06/16	TO	08/31
SECTION 2	FROM	09/01	TO	09/30
SECTION 2	FROM	10/01	TO	10/31
SECTION 2	FROM	11/01	TO	11/15
SECTION 3	FROM	03/15	TO	04/08
SECTION 3	FROM	04/09	TO	04/30
SECTION 3	FROM	05/01	TO	05/31
SECTION 3	FROM	06/01	TO	06/15
SECTION 3	FROM	06/16	TO	08/31
SECTION 3	FROM	09/01	TO	09/30
SECTION 3	FROM	10/01	TO	10/31
SECTION 3	FROM	11/01	TO	11/15
SECTION 4	FROM	03/15	TO	04/08
SECTION 4	FROM	04/09	TO	04/30
SECTION 4	FROM	05/01	TO	05/31
SECTION 4	FROM	06/01	TO	06/15
SECTION 4	FROM	06/16	TO	08/31
SECTION 4	FROM	09/01	TO	09/30
SECTION 4	FROM	10/01	TO	10/31
SECTION 4	FROM	11/01	TO	11/15
SECTION 5	FROM	03/15	TO	04/08
SECTION 5	FROM	04/09	TO	04/30
SECTION 5	FROM	05/01	TO	05/31
SECTION 5	FROM	06/01	TO	06/15
SECTION 5	FROM	06/16	TO	08/31
SECTION 5	FROM	09/01	TO	09/30
SECTION 5	FROM	10/01	TO	10/31
SECTION 5	FROM	11/01	TO	11/15

TABLE REND LAKE 1996 DAY CREEL FINAL REPORT CONTINUED
 DAYTIME DATA FOR LAKE=REND LAKE CREEL BEGUN IN YEAR=96

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	4.6	4.4 - 4.8 (4%)	.5	12.5	681
SHORE	2.1	1.8 - 2.3 (13%)	.2	7.9	105
BOAT & SHORE	4.3	4.1 - 4.5 (4%)	.2	12.5	786

492 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS
 31.5% OF ALL 2495 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED IN MILES	73	68.6 - 77.4 (8%)	1	900	2077
SUCCESS RATING 1-10?	3.5	3.3 - 3.6 (3%)	1	10	2076

IS CATCH ILLEGAL?

CLERK NOTED 3 OUT OF 2495 INTERVIEWS HAD ILLEGAL CATCHES

INTERVIEWS (AND %) PER SPECIES SOUGHT

ANY	335 (13.4%)	LNB	677 (27.1%)
CCF	243 (9.7%)	CRP	1095 (43.9%)
BLG	55 (2.2%)	STB	2 (.1%)
FCF	5 (.2%)	CAT	23 (.9%)
BLB	2 (.1%)	WHB	40 (1.6%)
BSS	9 (.4%)	WHD	8 (.3%)
SUN	1 (0%)		

PARTY SIZE VS. # INTERVIEWS

BOAT	SHORE
1 453	1 351
2 1104	2 224
3 224	3 49
4 53	4 14
5 8	5 8
6 6	6
7 1	7
8	8
9	9
10+	10+

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=1 LAKE :=SPRING LAKE SOUTH
 DISTRICT :=04 YEAR :=96
 ACREAGE :667 SAMPLING RATIO :=295/654 = 45.1%
 NUMBER OF INTERVIEWS:6013

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/18 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD
BOAT FISHING:					
WEEKDAY	22123	19056-25190 (14%)	33	29-38 (14%)	15.08
WKND/HOL	19077	16550-21604 (13%)	29	25-32 (13%)	30.54
STR TOTAL	41200	37275-45125 (10%)	62	56-68 (10%)	22.24
SHORE FISHING:					
WEEKDAY	31500	27917-35083 (11%)	47	42-53 (11%)	13.14
WKND/HOL	27398	24513-30283 (11%)	41	37-45 (11%)	24.36
STR TOTAL	58898	54350-63446 (8%)	88	81-95 (8%)	18.36
BOAT/SHORE COALESCED:					
WEEKDAY	53247	47533-58961 (11%)	80	71-88 (11%)	14.04
WKND/HOL	46102	41163-51041 (11%)	69	62-77 (11%)	27.12
STR TOTAL	99349	91880-106818 (8%)	149	138-160 (8%)	20.11
BOAT/SHORE STRATIFIED:					
WEEKDAY	53625	46970-58280 (9%)	80	73-87 (9%)	13.94
WKND/HOL	46478	42710-50246 (8%)	70	64-75 (8%)	26.90
STR TOTAL	100103	94151-106055 (6%)	150	141-159 (6%)	19.95

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=1 LAKE :=SPRING LAKE SOUTH
 DISTRICT :=04 YEAR :=96
 ACREAGE :667 SAMPLING RATIO :=590/1303 = 45.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 19975.2/100106.2 = 19.95%
 NUMBER OF INTERVIEWS: 6013

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/18 OF SECTION 1

MSC SPECIES CAUGHT:
 CAP BLB ROB
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLC	.043	.003-.094 (94 %)	3907	2715-5100 (31 %)	14.43	5.36
BLG	.675	.589-.761 (13 %)	66590	57002-76178 (14 %)	246.69	97.84
CCF	.008	.005-.011 (34 %)	972	648-1296 (33 %)	3.60	1.46
GSF	.000	.000-.000 (75 %)	43	11-75 (75 %)	.16	.07
LMB	.032	.015-.050 (55 %)	2413	1692-3134 (30 %)	8.94	3.62
NOP	.000	+-0.000 (182 %)	7	+-18 (165 %)	.02	.01
RSF	.076	.061-.092 (20 %)	9337	8049-10606 (27 %)	30.89	12.50
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEB	.002	.000-.003 (64 %)	168	88-248 (47 %)	.62	.25
MSC	.000	+-0.000 (129 %)	36	+-86 (141 %)	.13	.06
TOT	.842	.753-.932 (11 %)	92473	72002-92943 (13 %)	305.53	123.65

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLC	.009	+-0.013 (106 %)	667	465-868 (30 %)	2.470	170.6
BLG	.061	.053-.068 (13 %)	6153	5174-7132 (16 %)	22.794	92.4
CCF	.012	.007-.017 (43 %)	1338	832-1794 (34 %)	4.957	1376.9
GSF	.000	.000-.000 (80 %)	2	-4 (76 %)	.008	48.0
LMB	.022	.012-.033 (48 %)	1509	1073-1944 (29 %)	5.588	625.2
NOP	.000	+-0.000 (163 %)	9	+-24 (169 %)	.033	1322.6
RSF	.013	.010-.016 (22 %)	1378	1026-1729 (26 %)	5.103	165.2
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEB	.000	.000-.001 (53 %)	84	40-127 (52 %)	.310	479.0
MSC	.000	+-0.000 (126 %)	7	+-14 (101 %)	.026	194.9
TOT	.117	.104-.130 (11 %)	11145	9846-12445 (12 %)	41.289	135.1

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLC	.019	+-0.039 (106 %)	1470	1026-1914 (30 %)	2.204	.3762
BLG	.134	.117-.151 (13 %)	13565	11406-15723 (16 %)	20.337	.2037
CCF	.026	.015-.037 (43 %)	2950	1945-3955 (34 %)	4.423	3.0352
GSF	.000	.000-.000 (80 %)	5	1-8 (76 %)	.007	.1059
LMB	.049	.026-.072 (48 %)	3326	2366-4285 (29 %)	4.986	1.3784
NOP	.000	+-0.000 (163 %)	19	+-52 (169 %)	.029	2.7159
RSF	.028	.022-.034 (22 %)	3037	2262-3912 (26 %)	4.553	.3642
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEB	.002	.000-.003 (58 %)	185	89-230 (52 %)	.277	1.1002
MSC	.000	+-0.000 (126 %)	15	+-31 (101 %)	.023	.4296
TOT	.258	.227-.287 (11 %)	24571	21706-27437 (12 %)	36.833	.2779

HARVESTED AND CPUE TABLE

*** DAY ***

REGION :=1 LAKE :=SPRING LAKE SOUTH
 DISTRICT :=04 YEAR :=96
 ACREAGE :667 SAMPLING RATIO :=590/1308 = 45.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 19975.2/100106.2 = 19.95%
 NUMBER OF INTERVIEWS: 6013

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/18 OF SECTION 1

MSC SPECIES CAUGHT:

LMB BLC BLG RSF CCF NOP YEB GSF

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVST	95% CI	#/HA	#/ACRE
BLE	.000	+- .000 (216 %)	23	+-71 (216 %)	.03	.04
CAP	.000	+- .000 (126 %)	13	+-27 (108 %)	.05	.02
ROE	*** NOT RECORDED ***		*** NOT RECORDED ***			
MSC	.842	.753-.932 (11 %)	82437	71966-92908 (13 %)	305.40	123.59
TOT	.842	.753-.932 (11 %)	82473	72002-92943 (13 %)	305.53	123.65

SPEC	KG/HR	95% CI	KG HARVST	95% CI	KG/HA	AVG WT(G)
BLE	.000	+- .000 (216 %)	2	+-6 (216 %)	.007	86.8
CAP	.000	+- .000 (157 %)	5	+-11 (118 %)	.018	382.9
ROE	*** NOT RECORDED ***		*** NOT RECORDED ***			
MSC	.117	.104-.130 (11 %)	11139	9839-12438 (12 %)	41.264	135.1
TOT	.117	.104-.130 (11 %)	11145	9846-12445 (12 %)	41.289	135.1

SPEC	LB/HR	95% CI	LB HARVST	95% CI	LB/ACRE	AVG WT(LB)
BLE	.000	+- .000 (216 %)	4	+-14 (216 %)	.006	.1914
CAP	.000	+- .000 (157 %)	11	+-24 (118 %)	.016	.8442
ROE	*** NOT RECORDED ***		*** NOT RECORDED ***			
MSC	.258	.229-.287 (11 %)	24556	21690-27422 (12 %)	36.816	.2979
TOT	.258	.229-.287 (11 %)	24571	21706-27437 (12 %)	36.838	.2979

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=1 LAKE :=SPRING LAKE SOUTH
 DISTRICT :=04 YEAR :=96
 ACREAGE :667 SAMPLING RATIO :=590/1303 = 45.1%
 RATIO OF EFFORT HOURS INTERVIEWED := 19775.2/100106.2 = 19.95%
 NUMBER OF INTERVIEWS: 6013

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/18 OF SECTION 1

MSC SPECIES CAUGHT:
 CAP BLB ROB
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	H/HR	95% CI	# CAUGHT	95% CI	H/HA	H/ACRE
BLC	.427	.134-.671 (57 %)	33789	23292-44285 (31 %)	125.17	50.66
BLG	1.330	1.213-1.546 (12 %)	141369	120341-162396 (15 %)	523.71	211.95
CCF	.003	.005-.011 (34 %)	996	670-1323 (33 %)	3.69	1.50
GSF	.000	+- .001 (116 %)	87	30-143 (65 %)	.32	.13
LMB	.254	.210-.298 (17 %)	21699	19089-24307 (12 %)	80.39	32.53
NOP	.000	+- .002 (180 %)	75	26-124 (66 %)	.23	.11
RSF	.105	.081-.128 (23 %)	11407	8454-14359 (26 %)	42.26	17.10
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEB	.003	+- .007 (122 %)	256	155-353 (40 %)	.95	.37
MSC	.001	+- .003 (181 %)	70	-140 (99 %)	.26	.11
TOT	2.180	1.930-2.431 (11 %)	209747	184302-235193 (12 %)	777.03	314.46

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLC	.052	.024-.079 (53 %)	4048	2936-5261 (30 %)	14.998	119.8
BLG	.033	.073-.093 (12 %)	8619	7179-10059 (17 %)	31.930	61.0
CCF	.012	.007-.017 (43 %)	1352	895-1809 (34 %)	5.010	1357.2
GSF	.000	.000-.000 (87 %)	3	1-5 (59 %)	.012	37.3
LMB	.033	.064-.103 (23 %)	6538	5685-7390 (13 %)	24.219	301.3
NOP	.000	+- .002 (136 %)	69	25-112 (63 %)	.254	913.2
RSF	.015	.012-.018 (21 %)	1612	1226-1998 (24 %)	5.971	141.3
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEB	.002	+- .004 (160 %)	113	61-166 (46 %)	.420	442.2
MSC	.000	+- .000 (126 %)	20	+-44 (118 %)	.075	237.8
TOT	.248	.212-.284 (14 %)	22375	20042-24707 (10 %)	82.889	106.7

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLC	.114	.054-.174 (53 %)	8925	6252-11593 (30 %)	13.331	.2641
BLG	.184	.162-.205 (12 %)	19002	15828-22175 (17 %)	28.489	.1344
CCF	.026	.015-.037 (43 %)	2981	1974-3989 (34 %)	4.470	2.9920
GSF	.000	.000-.000 (87 %)	7	3-11 (59 %)	.011	.0823
LMB	.134	.141-.227 (23 %)	14413	12533-16292 (13 %)	21.609	.6642
NOP	.002	+- .004 (136 %)	151	56-246 (63 %)	.227	2.0132
RSF	.034	.027-.041 (21 %)	3554	2703-4404 (24 %)	5.329	.3115
WHC		*** NOT RECORDED ***		*** NOT RECORDED ***		
YEB	.004	+- .010 (160 %)	250	134-366 (46 %)	.375	.9748
MSC	.000	+- .001 (126 %)	45	+-97 (118 %)	.067	.6344
TOT	.547	.468-.627 (14 %)	49327	44185-54470 (10 %)	73.954	.2352

CAUGHT AND CPUE TABLE

*** DAY ***

REGION :=1

LAKE :=SPRING LAKE SOUTH

DISTRICT :=04

YEAR :=96

ACREAGE :667

SAMPLING RATIO :=590/1308 = 45.1%

RATIO OF EFFORT HOURS INTERVIEWED := 19975.2/100106.2 = 19.95%

NUMBER OF INTERVIEWS: 6013

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1

YEAR PERIOD 04/09 TO 04/30 OF SECTION 1

YEAR PERIOD 05/01 TO 05/31 OF SECTION 1

YEAR PERIOD 06/01 TO 06/15 OF SECTION 1

YEAR PERIOD 06/16 TO 08/31 OF SECTION 1

YEAR PERIOD 09/01 TO 09/30 OF SECTION 1

YEAR PERIOD 10/01 TO 10/18 OF SECTION 1

MSC SPECIES CAUGHT:

LMB BLC BLG RSF CCF NOP YEB GSF

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: CAUGHT

SPEC	#/HR	95% CI		# CAUGHT	95% CI		#/HA	#/ACRE
BLB	.000	+- .000	(216 %)	23	+-71	(216 %)	.03	.04
CAP	.001	+- .003	(204 %)	43	+-100	(134 %)	.16	.07
ROB	.000	+- .000	(245 %)	5	+-17	(245 %)	.02	.00
MSC	2.179	1.929-2.429	(11 %)	209677	184239-235115	(12 %)	776.77	314.36
TOT	2.180	1.930-2.431	(11 %)	209747	184302-235193	(12 %)	777.03	314.46

SPEC	KG/HR	95% CI		KG CAUGHT	95% CI		KG/HA	AVG WT(G)
BLB	.000	+- .000	(216 %)	2	+-6	(216 %)	.007	86.8
CAP	.000	+- .000	(131 %)	18	+-42	(133 %)	.067	419.9
ROB	.000	+- .000	(245 %)		+-1	(245 %)	.001	63.3
MSC	.248	.212-.284	(14 %)	22354	20025-24684	(10 %)	82.814	106.6
TOT	.248	.212-.284	(14 %)	22375	20042-24707	(10 %)	82.839	106.7

SPEC	LB/HR	95% CI		LB CAUGHT	95% CI		LB/ACRE	AVG WT(LB)
BLB	.000	+- .000	(216 %)	4	+-14	(216 %)	.006	.1914
CAP	.000	+- .001	(131 %)	40	+-92	(133 %)	.059	.9257
ROB	.000	+- .000	(245 %)		+-2	(245 %)	.001	.1395
MSC	.547	.468-.626	(14 %)	49283	44147-54418	(10 %)	73.887	.2350
TOT	.547	.468-.627	(14 %)	49327	44185-54470	(10 %)	73.954	.2352

TABLE SPRING LAKE SOUTH 1996 DAY CREEL FINAL REPORT
DAYTIME DATA FOR LAKE=SPRING LAKE SOUTH CREEL BEGUN IN YEAR=96

SECTION 1 FROM 03/15 TO 04/08
SECTION 1 FROM 04/09 TO 04/30
SECTION 1 FROM 05/01 TO 05/31
SECTION 1 FROM 06/01 TO 06/15
SECTION 1 FROM 06/16 TO 08/31
SECTION 1 FROM 09/01 TO 09/30
SECTION 1 FROM 10/01 TO 10/18

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	4	3.9 - 4.1 (3%)	.5	10.8	1055
SHORE	1.9	1.6 - 2.1 (13%)	.5	6.8	144
BOAT & SHORE	3.7	3.6 - 3.8 (3%)	.5	10.8	1199

564 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS
21.6% OF ALL 5557 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED IN MILES	23.6	23.2 - 24.1 (2%)	1	280	5028
SUCCESS RATING 1-10?	3.2	3.2 - 3.3 (2%)	1	10	4993

IS CATCH ILLEGAL?

CLERK NOTED 49 OUT OF 5557 INTERVIEWS HAD ILLEGAL CATCHES

# INTERVIEWS (AND %) PER SPECIES SOUGHT		PARTY SIZE VS. # INTERVIEWS	
		BOAT	SHORE
ANY 2286 (41.1%)	BLO 1765 (31.8%)	1 300	1 1711
BLO 91 (1.6%)	LMB 868 (15.6%)	2 843	2 1603
SUN 17 (.3%)	CRP 15 (.3%)	3 182	3 499
CCF 413 (7.5%)	RSF 6 (.1%)	4 37	4 248
CAT 89 (1.6%)	YEB 1 (0%)	5 5	5 79
NOP 1 (0%)		6 2	6 27
		7	7 11
		8	8 4
		9	9 2
		10+	10+ 2

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=1 LAKE :=LAKE STOREY
 DISTRICT :=04 YEAR :=96
 ACREAGE :132 SAMPLING RATIO :=301/663 = 45.3%
 NUMBER OF INTERVIEWS:1126

YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HRS/ ACRE	95% CONF INTVL	% EFF INTVD
BOAT FISHING:					
WEEKDAY	7190	6000-8380 (17%)	54	45-63 (17%)	11.02
WKND/HOL	8439	7527-9351 (11%)	64	57-71 (11%)	23.09
STR TOTAL	15629	14143-17115 (10%)	118	107-130 (10%)	17.54
SHORE FISHING:					
WEEKDAY	7776	6567-8985 (16%)	59	50-68 (16%)	5.62
WKND/HOL	5753	4957-6549 (14%)	44	38-50 (14%)	13.66
STR TOTAL	13529	12092-14966 (11%)	102	92-113 (11%)	9.04
BOAT/SHORE COALESCED:					
WEEKDAY	14893	12845-16941 (14%)	113	97-128 (14%)	8.26
WKND/HOL	14143	12815-15471 (9%)	107	97-117 (9%)	19.34
STR TOTAL	29036	26608-31464 (8%)	220	202-238 (8%)	13.65
BOAT/SHORE STRATIFIED:					
WEEKDAY	14967	13287-16647 (11%)	113	101-126 (11%)	8.22
WKND/HOL	14193	13001-15385 (8%)	108	98-117 (8%)	19.27
STR TOTAL	29160	27109-31211 (7%)	221	205-236 (7%)	13.60

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=1 LAKE :=LAKE STOREY
 DISTRICT :=04 YEAR :=96
 ACREAGE :=132 SAMPLING RATIO :=602/1326 = 45.3%
 RATIO OF EFFORT HOURS INTERVIEWED := 3764.3/29163 = 13.59%
 NUMBER OF INTERVIEWS: 1126

COMBINED ACROSS STRATA:

YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:
 CAP BRH YEB RSF
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BLB	.012	.005-.019 (60 %)	764	207-1322 (73 %)	14.31	5.79
BLC	.454	.303-.606 (33 %)	21954	15512-29396 (29 %)	410.97	166.32
BLG	.341	.237-.445 (30 %)	16737	11114-22361 (34 %)	313.32	126.80
CCF	.018	.009-.027 (51 %)	654	373-935 (43 %)	12.25	4.96
GSF	.003	+- .007 (135 %)	177	+-370 (109 %)	3.32	1.34
LMB	.085	.058-.112 (32 %)	3238	2356-4219 (28 %)	61.54	24.91
MUE	.003	+- .006 (109 %)	120	19-221 (84 %)	2.24	.91
WAE	.005	.001-.009 (75 %)	324	70-579 (78 %)	6.07	2.46
WHC	.054	.025-.083 (54 %)	2943	1637-4260 (44 %)	55.19	22.34
MSC	.006	.002-.010 (69 %)	226	76-376 (66 %)	4.23	1.72
TOT	.981	.724-1.168 (19 %)	47194	33051-56337 (19 %)	883.44	357.53

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLB	.002	.000-.004 (77 %)	196	2-370 (99 %)	3.487	243.7
BLC	.023	.020-.036 (29 %)	1353	917-1789 (32 %)	25.331	61.6
BLG	.013	.009-.017 (31 %)	682	432-932 (37 %)	12.766	40.7
CCF	.007	.002-.013 (78 %)	219	89-343 (59 %)	4.092	334.1
GSF	.000	+- .000 (190 %)	8	+-16 (105 %)	.147	44.4
LMB	.069	.043-.094 (37 %)	2344	1664-3023 (29 %)	43.870	712.3
MUE	.012	+- .029 (144 %)	356	+-793 (124 %)	6.672	2974.1
WAE	.005	.000-.009 (91 %)	289	10-569 (96 %)	5.417	891.9
WHC	.004	.002-.007 (64 %)	211	109-314 (49 %)	3.958	71.7
MSC	.014	.000-.027 (96 %)	470	+-995 (112 %)	8.799	2079.2
TOT	.154	.121-.187 (21 %)	6119	5033-7205 (18 %)	114.538	129.6

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLB	.005	.001-.009 (77 %)	411	5-816 (99 %)	3.111	.5372
BLC	.061	.043-.079 (29 %)	2933	2022-3944 (32 %)	22.600	.1359
BLG	.029	.020-.038 (31 %)	1503	953-2054 (37 %)	11.390	.0898
CCF	.015	.003-.028 (78 %)	482	196-768 (59 %)	3.651	.7365
GSF	.000	+- .000 (190 %)	17	+-36 (105 %)	.131	.0930
LMB	.151	.095-.207 (37 %)	5167	3668-6665 (29 %)	39.141	1.5715
MUE	.026	+- .064 (144 %)	736	+-1760 (124 %)	5.953	6.5566
WAE	.010	.000-.020 (91 %)	338	22-1253 (96 %)	4.833	1.9663
WHC	.010	.003-.016 (64 %)	466	240-692 (49 %)	3.531	.1531
MSC	.030	.001-.060 (96 %)	1036	+-2193 (112 %)	7.851	4.5817
TOT	.339	.268-.411 (21 %)	13489	11075-15834 (18 %)	102.191	.2858

HARVESTED AND CPUE TABLE

*** DAY ***

REGION :=1 LAKE :=LAKE STOREY

DISTRICT :=04 YEAR :=96

ACREAGE :132 SAMPLING RATIO :=602/1326 = 45.3%

RATIO OF EFFORT HOURS INTERVIEWED := 3964.3/29163 = 13.59%

NUMBER OF INTERVIEWS: 1126

COMBINED ACROSS STRATA:

YEAR PERIOD 04/09 TO 04/30 OF SECTION 1

YEAR PERIOD 05/01 TO 05/31 OF SECTION 1

YEAR PERIOD 06/01 TO 06/15 OF SECTION 1

YEAR PERIOD 06/16 TO 08/31 OF SECTION 1

YEAR PERIOD 09/01 TO 09/30 OF SECTION 1

YEAR PERIOD 10/01 TO 10/31 OF SECTION 1

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

BLC BLG GSF LMB CCF BLB WHC WAE MUE

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BRH	.000	+-.000 (220 %)	4	+11 (220 %)	.07	.03
CAP	.004	+-.007 (108 %)	110	+236 (115 %)	2.06	.84
RSF	.000	+-.001 (177 %)	46	+127 (175 %)	.86	.35
YEB	.000	+-.000 (430 %)	9	+49 (430 %)	.17	.07
MSC	.348	.260-.436 (25 %)	19571	13344-25798 (32 %)	366.36	148.27
TOT	.352	.264-.441 (25 %)	19740	13501-25980 (32 %)	369.52	149.55

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AUG WT(G)
BRH	.000	+-.000 (220 %)		+2 (220 %)	.011	161.6
CAP	.012	+-.025 (111 %)	394	+913 (132 %)	7.375	3577.9
RSF	.000	+-.000 (191 %)	8	+22 (188 %)	.142	164.1
YEB	.000	+-.000 (430 %)	4	+23 (430 %)	.082	477.3
MSC	.047	.033-.062 (30 %)	2522	1810-3234 (28 %)	47.210	128.9
TOT	.059	.041-.078 (31 %)	2928	2077-3780 (29 %)	54.819	148.4

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AUG WT(LB)
BRH	.000	+-.000 (220 %)	1	+4 (220 %)	.010	.3562
CAP	.026	+-.055 (111 %)	869	+2013 (132 %)	6.580	7.8879
RSF	.000	+-.000 (191 %)	17	+48 (188 %)	.126	.3617
YEB	.000	+-.001 (430 %)	10	+51 (430 %)	.073	1.0522
MSC	.105	.073-.136 (30 %)	5560	3991-7129 (28 %)	42.121	.2841
TOT	.131	.091-.171 (31 %)	6456	4578-9334 (29 %)	48.910	.3271

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=1 LAKE :=LAKE STOREY
 DISTRICT :=04 YEAR :=96
 ACREAGE :=132 SAMPLING RATIO :=602/1326 = 45.3%
 RATIO OF EFFORT HOURS INTERVIEWED := 3964.3/29163 = 13.59%
 NUMBER OF INTERVIEWS: 1126

COMBINED ACROSS STRATA:

YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:
 CAP BRH YEB RSF
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLB	.007	.002-.013 (78 %)	541	23-1059 (96 %)	10.13	4.10
BLC	.183	.131-.246 (31 %)	10602	5592-15612 (47 %)	199.47	80.32
BLG	.102	.049-.154 (52 %)	6058	2559-9557 (58 %)	113.41	45.90
CCF	.010	.005-.016 (56 %)	388	212-563 (45 %)	7.26	2.94
GSF	.000	+-0.002 (202 %)	46	+-135 (192 %)	.96	.35
LMB	.003	.000-.005 (79 %)	192	46-337 (76 %)	3.59	1.46
MUE	.000	+-0.002 (216 %)	38	+-101 (163 %)	.72	.29
WAE	.004	.000-.008 (90 %)	259	9-510 (97 %)	4.95	1.97
WHC	.032	.009-.056 (73 %)	1447	657-2237 (55 %)	27.08	10.96
MSC	.004	.000-.008 (90 %)	169	29-310 (84 %)	3.16	1.29
TOT	.352	.264-.441 (25 %)	19740	13501-25980 (32 %)	369.52	149.55

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLB	.002	.000-.004 (93 %)	164	+-349 (113 %)	3.073	303.5
BLC	.017	.012-.023 (32 %)	911	526-1295 (42 %)	17.047	85.9
BLG	.006	.003-.010 (50 %)	384	171-596 (55 %)	7.181	63.3
CCF	.006	.000-.011 (85 %)	182	72-292 (60 %)	3.402	463.3
GSF	.000	+-0.000 (180 %)	3	+-7 (168 %)	.050	57.5
LMB	.003	.000-.005 (79 %)	185	43-326 (77 %)	3.455	962.0
MUE	.005	+-0.016 (222 %)	253	+-691 (173 %)	4.733	6603.9
WAE	.005	.000-.009 (94 %)	280	-559 (100 %)	5.244	1080.8
WHC	.003	.000-.006 (73 %)	162	71-252 (56 %)	3.026	111.7
MSC	.012	+-0.025 (109 %)	406	+-925 (128 %)	7.309	2406.3
TOT	.059	.041-.078 (31 %)	2928	2077-3780 (29 %)	54.819	143.4

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLB	.004	.000-.008 (93 %)	362	+-769 (113 %)	2.741	.6690
BLC	.038	.026-.050 (32 %)	2008	1160-2855 (42 %)	15.210	.1894
BLG	.014	.007-.021 (50 %)	846	378-1313 (55 %)	6.407	.1396
CCF	.013	.002-.025 (85 %)	401	159-643 (60 %)	3.036	1.0325
GSF	.000	+-0.000 (180 %)	6	+-16 (168 %)	.044	.1267
LMB	.006	.001-.011 (79 %)	407	94-720 (77 %)	3.082	2.1207
MUE	.011	+-0.036 (222 %)	557	+-1523 (173 %)	4.223	14.5699
WAE	.010	.000-.020 (94 %)	618	2-1233 (100 %)	4.678	2.3927
WHC	.003	.002-.013 (73 %)	356	158-555 (56 %)	2.700	.2463
MSC	.026	+-0.055 (109 %)	896	+-2040 (128 %)	6.789	5.3049
TOT	.131	.091-.171 (31 %)	6456	4578-9334 (29 %)	48.910	.3271

CAUGHT AND CPUE TABLE

*** DAY ***

REGION :=1

LAKE :=LAKE STOREY

DISTRICT :=04

YEAR :=96

ACREAGE :=132

SAMPLING RATIO :=602/1326 = 45.3%

RATIO OF EFFORT HOURS INTERVIEWED := 3964.3/29163 = 13.59%

NUMBER OF INTERVIEWS: 1126

COMBINED ACROSS STRATA:

YEAR PERIOD 04/09 TO 04/30 OF SECTION 1

YEAR PERIOD 05/01 TO 05/31 OF SECTION 1

YEAR PERIOD 06/01 TO 06/15 OF SECTION 1

YEAR PERIOD 06/16 TO 08/31 OF SECTION 1

YEAR PERIOD 09/01 TO 09/30 OF SECTION 1

YEAR PERIOD 10/01 TO 10/31 OF SECTION 1

YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

ELC BLG GSF LMB CCF BLB WHC WAE MUE

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BRH	.000	+-0.000 (220 %)	4	+-11 (220 %)	.07	.03
CAP	.005	.000-.009 (85 %)	155	21-288 (87 %)	2.89	1.17
RSF	.000	+-0.001 (177 %)	46	+-127 (175 %)	.86	.35
YEB	.000	+-0.002 (189 %)	22	+-61 (179 %)	.41	.17
MSC	.975	.788-1.162 (19 %)	46968	37832-56104 (19 %)	879.21	355.81
TOT	.981	.794-1.168 (19 %)	47194	38051-56337 (19 %)	883.44	357.53

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BRH	.000	+-0.000 (220 %)	4	+-2 (220 %)	.011	161.6
CAP	.014	.000-.027 (98 %)	455	+-980 (115 %)	8.522	2946.4
RSF	.000	+-0.000 (191 %)	8	+-22 (188 %)	.142	164.1
YEB	.000	+-0.000 (181 %)	7	+-25 (276 %)	.125	302.8
MSC	.140	.110-.171 (22 %)	5649	4663-6634 (17 %)	105.739	120.3
TOT	.154	.121-.187 (21 %)	6119	5033-7205 (18 %)	114.538	129.6

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BRH	.000	+-0.000 (220 %)	1	+-4 (220 %)	.010	.3562
CAP	.030	.000-.059 (98 %)	1004	+-2161 (115 %)	7.603	6.4956
RSF	.000	+-0.000 (191 %)	17	+-48 (188 %)	.126	.3617
YEB	.000	+-0.001 (181 %)	15	+-55 (276 %)	.111	.6676
MSC	.309	.241-.377 (22 %)	12453	10280-14626 (17 %)	94.340	.2651
TOT	.339	.268-.411 (21 %)	13489	11095-15884 (18 %)	102.191	.2858

TABLE LAKE STOREY 1996 DAY CREEL FINAL REPORT
DAYTIME DATA FOR LAKE=LAKE STOREY CREEL BEGUN IN YEAR=96

SECTION 1 FROM 04/09 TO 04/30
SECTION 1 FROM 05/01 TO 05/31
SECTION 1 FROM 06/01 TO 06/15
SECTION 1 FROM 06/16 TO 08/31
SECTION 1 FROM 09/01 TO 09/30
SECTION 1 FROM 10/01 TO 10/31
SECTION 1 FROM 11/01 TO 11/15

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	3.6	3.4 - 4.2 (11%)	.2	7.3	87
SHORE	2.1	1.7 - 2.6 (21%)	.7	6.2	36
BOAT & SHORE	3.3	3 - 3.7 (11%)	.2	7.3	123

23 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS
11% OF ALL 1121 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED IN MILES	17.1	15.2 - 18.9 (11%)	1	692	943
SUCCESS RATING 1-10?	3.2	3 - 3.4 (5%)	1	10	957

IS CATCH ILLEGAL?

CLERK NOTED 6 OUT OF 1121 INTERVIEWS HAD ILLEGAL CATCHES

INTERVIEWS (AND %) PER SPECIES BOUGHT

ANY	311 (27.7%)	CRP	92 (8.2%)
CCF	157 (14%)	LMB	326 (29.1%)
BLC	146 (13%)	MUE	10 (.9%)
CAP	11 (1%)	SLG	64 (5.7%)
WAE	4 (.4%)		

PARTY SIZE VS. # INTERVIEWS

BOAT	SHORE
1 197	1 189
2 382	2 185
3 75	3 57
4 11	4 19
5 2	5 1
6 2	6 1
7	7
8	8
9	9
10+	10+

EFFORT TABLE FOR THE FULL DAY *** DAY ***

REGION :=3 LAKE :=WELDON SPRINGS
 DISTRICT :=13 YEAR :=96
 ACREAGE :28 SAMPLING RATIO :=330/738 = 44.7%
 NUMBER OF INTERVIEWS:3276

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

	ANGL HRS	95% CONF INTVL	HR3/ ACRE	95% CONF INTVL	% EFF INTVD
BOAT FISHING:					
WEEKDAY	4188	3468-4913 (17%)	150	124-175 (17%)	21.15
WKND/HOL	5208	4519-5897 (13%)	186	161-211 (13%)	45.18
STR TOTAL	9396	8407-10385 (11%)	336	300-371 (11%)	34.47
SHORE FISHING:					
WEEKDAY	9694	8439-10949 (13%)	346	301-391 (13%)	19.75
WKND/HOL	10667	9650-11684 (10%)	381	345-417 (10%)	34.14
STR TOTAL	20361	18762-21960 (8%)	727	670-784 (8%)	27.29
BOAT/SHORE COALESCED:					
WEEKDAY	13633	11999-15267 (12%)	487	429-545 (12%)	20.54
WKND/HOL	15735	14353-17117 (9%)	562	513-611 (9%)	38.10
STR TOTAL	29368	27259-31477 (7%)	1049	974-1124 (7%)	29.95
BOAT/SHORE STRATIFIED:					
WEEKDAY	13882	12446-15318 (10%)	496	445-547 (10%)	20.17
WKND/HOL	15877	14669-17085 (8%)	567	524-610 (8%)	37.76
STR TOTAL	29759	27893-31625 (6%)	1063	996-1129 (6%)	29.55

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=3 LAKE :=WELDON SPRINGS
 DISTRICT :=13 YEAR :=96
 ACREAGE :=28 SAMPLING RATIO :=660/1476 = 44.7%
 RATIO OF EFFORT HOURS INTERVIEWED :=.8795/29763 = 29.55%
 NUMBER OF INTERVIEWS: 3276

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:
 BRH CAP BRB G2S GOS
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BLB	.000	+-.000 (184 %)	11	+23 (154 %)	.97	.39
BLC	.035	.022-.048 (38 %)	935	595-1074 (29 %)	73.65	29.81
BLG	.209	.139-.290 (34 %)	7097	5942-9353 (18 %)	626.34	253.48
CCF	.027	.019-.036 (31 %)	930	732-1127 (21 %)	82.05	33.21
FCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF	.000	+-.000 (133 %)	22	+50 (127 %)	1.95	.79
LMB	.003	.001-.005 (59 %)	114	63-166 (45 %)	10.10	4.09
RSF	.003	.001-.005 (62 %)	169	85-254 (50 %)	14.93	6.04
WHC	.000	+-.000 (158 %)	4	+10 (164 %)	.34	.14
MSC	.004	+-.011 (164 %)	135	+288 (114 %)	11.88	4.81
TOT	.283	.206-.360 (27 %)	9317	7982-10652 (14 %)	922.21	332.75

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BLB	.000	+-.000 (183 %)	8	+21 (153 %)	.716	737.9
BLC	.008	.004-.011 (45 %)	167	119-217 (30 %)	14.757	200.4
BLG	.019	.012-.025 (34 %)	631	522-740 (17 %)	55.697	83.9
CCF	.010	.007-.014 (35 %)	353	263-442 (25 %)	31.123	379.3
FCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF	.000	+-.000 (165 %)	2	+5 (157 %)	.155	79.8
LMB	.003	.001-.006 (68 %)	118	60-175 (49 %)	10.385	1023.5
RSF	.000	.000-.001 (56 %)	42	22-63 (49 %)	3.728	249.7
WHC	.000	+-.000 (158 %)		+2 (164 %)	.063	182.0
MSC	.000	.000-.000 (68 %)	16	5-26 (68 %)	1.371	115.4
TOT	.041	.032-.051 (23 %)	1337	1169-1505 (13 %)	117.996	143.5

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BLB	.000	+-.001 (183 %)	18	+45 (153 %)	.639	1.6269
BLC	.017	.009-.024 (45 %)	369	259-478 (30 %)	13.166	.4417
BLG	.041	.027-.055 (34 %)	1391	1151-1632 (17 %)	49.693	.1960
CCF	.023	.015-.031 (35 %)	778	581-974 (25 %)	27.768	.8363
FCF		*** NOT RECORDED ***		*** NOT RECORDED ***		
GSF	.000	+-.000 (165 %)	4	+10 (157 %)	.139	.1758
LMB	.003	.002-.013 (68 %)	259	132-387 (49 %)	9.265	2.2673
RSF	.002	.000-.003 (56 %)	93	48-138 (48 %)	3.326	.5505
WHC	.000	+-.000 (158 %)	2	+4 (164 %)	.056	.4013
MSC	.000	.000-.000 (68 %)	34	11-53 (68 %)	1.223	.2544
TOT	.091	.070-.111 (23 %)	2948	2577-3318 (13 %)	105.276	.3164

HARVESTED AND CPUE TABLE *** DAY ***
 REGION :=3 LAKE :=WELDON SPRINGS
 DISTRICT :=13 YEAR :=96
 ACREAGE :28 SAMPLING RATIO :=660/1476 = 44.7%
 RATIO OF EFFORT HOURS INTERVIEWED := 3795/29763 = 29.55%
 NUMBER OF INTERVIEWS: 3276

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:
 BLG LMB CCF BLC RSF BLB GSF WHC FCF
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: HARVESTED

SPEC	#/HR	95% CI	# HARVEST	95% CI	#/HA	#/ACRE
BRH	.000	.000-.002 (84 %)	63	13-113 (79 %)	5.58	2.26
BRB	.000	(0 %)	3	(0 %)	.23	.12
CAP		*** NOT RECORDED ***		*** NOT RECORDED ***		
GOS		*** NOT RECORDED ***		*** NOT RECORDED ***		
GZS	.003	+-.010 (212 %)	68	+213 (212 %)	6.02	2.44
MSC	.279	.202-.355 (28 %)	9132	7858-10507 (14 %)	810.34	327.94
TOT	.233	.206-.360 (27 %)	9317	7982-10652 (14 %)	822.21	332.75

SPEC	KG/HR	95% CI	KG HARVEST	95% CI	KG/HA	AVG WT(G)
BRH	.000	.000-.000 (81 %)	12	3-22 (79 %)	1.086	194.7
BRB	.000	(0 %)	2	(0 %)	.171	606.3
CAP		*** NOT RECORDED ***		*** NOT RECORDED ***		
GOS		*** NOT RECORDED ***		*** NOT RECORDED ***		
GZS	.000	+-.000 (159 %)	1	+3 (157 %)	.114	19.0
MSC	.041	.032-.050 (23 %)	1322	1155-1488 (13 %)	116.625	143.9
TOT	.041	.032-.051 (23 %)	1337	1169-1505 (13 %)	117.996	143.5

SPEC	LB/HR	95% CI	LB HARVEST	95% CI	LB/ACRE	AVG WT(LB)
BRH	.000	.000-.000 (81 %)	27	6-49 (79 %)	.969	.4292
BRB	.000	(0 %)	4	(0 %)	.152	1.3365
CAP		*** NOT RECORDED ***		*** NOT RECORDED ***		
GOS		*** NOT RECORDED ***		*** NOT RECORDED ***		
GZS	.000	+-.000 (159 %)	3	+7 (157 %)	.102	.0418
MSC	.090	.070-.111 (23 %)	2913	2547-3280 (13 %)	104.053	.3173
TOT	.091	.070-.111 (23 %)	2948	2577-3318 (13 %)	105.276	.3164

CAUGHT AND CPUE TABLE *** DAY ***
 REGION :=3 LAKE :=WELOON SPRINGS
 DISTRICT :=13 YEAR :=96
 ACREAGE :=23 SAMPLING RATIO :=660/1476 = 44.7%
 RATIO OF EFFORT HOURS INTERVIEWED := 8795/27763 = 29.55%
 NUMBER OF INTERVIEWS: 3276

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:
 BRH CAP BRB G2S GOS
 SUBSTRATUM:
 DAY PERIODS STRATIFIED
 WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED
 FISHING TYPE: BOAT/SHORE STRATIFIED
 FISH: CAUGHT

SPEC	N/HR	95% CI	N CAUGHT	95% CI	N/HA	N/ACRE
BLB	.002	+- .007 (186 %)	57	+-128 (123 %)	5.07	2.06
BLC	.090	.040-.139 (55 %)	1655	1240-2070 (25 %)	146.06	59.11
BLG	.773	.603-.943 (22 %)	30200	26707-33473 (11 %)	2665.11	1073.56
CCF	.056	.045-.068 (20 %)	2233	1879-2588 (16 %)	197.10	79.77
FCF	.000	+- .000 (186 %)	13	+-33 (149 %)	1.18	.43
GSF	.000	+- .002 (106 %)	38	4-71 (88 %)	3.34	1.35
LMB	.115	.083-.147 (23 %)	2962	2400-3524 (19 %)	261.41	105.77
RSF	.005	.002-.007 (50 %)	257	144-370 (44 %)	22.68	9.18
WHC	.000	+- .000 (153 %)	6	+-19 (214 %)	.55	.22
MSC	.012	.003-.020 (77 %)	224	66-332 (71 %)	19.75	7.97
TOT	1.054	.868-1.237 (18 %)	37646	34054-41238 (10 %)	3322.25	1344.50

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BLB	.000	+- .000 (119 %)	12	+-24 (111 %)	1.017	200.4
BLC	.016	.006-.026 (64 %)	261	192-331 (27 %)	23.043	157.8
BLG	.046	.034-.058 (27 %)	1655	1456-1854 (12 %)	146.052	54.8
CCF	.015	.011-.019 (26 %)	540	437-643 (19 %)	47.677	241.9
FCF	.000	+- .000 (145 %)	2	+-5 (157 %)	.161	136.4
GSF	.000	+- .000 (120 %)	2	+-5 (122 %)	.207	62.0
LMB	.063	.041-.084 (34 %)	1528	1170-1885 (23 %)	134.806	515.7
RSF	.000	.000-.001 (48 %)	53	30-75 (43 %)	4.635	204.4
WHC	.000	+- .000 (151 %)	1	+-3 (202 %)	.090	165.0
MSC	.000	.000-.001 (72 %)	21	10-33 (54 %)	1.870	94.7
TOT	.142	.116-.167 (18 %)	4074	3632-4517 (11 %)	359.558	108.2

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BLB	.000	+- .001 (119 %)	25	+-54 (111 %)	.907	.4418
BLC	.034	.012-.056 (64 %)	576	422-727 (27 %)	20.559	.3478
BLG	.101	.074-.128 (27 %)	3647	3210-4087 (12 %)	130.308	.1208
CCF	.034	.025-.043 (26 %)	1191	964-1418 (19 %)	42.537	.5333
FCF	.000	+- .000 (145 %)	4	+-10 (157 %)	.144	.3006
GSF	.000	+- .000 (120 %)	5	+-11 (122 %)	.185	.1367
LMB	.138	.091-.186 (34 %)	3368	2580-4155 (23 %)	120.274	1.1369
RSF	.002	.001-.003 (48 %)	116	66-166 (43 %)	4.136	.4507
WHC	.000	+- .000 (151 %)	2	+-7 (202 %)	.031	.3638
MSC	.002	.000-.003 (72 %)	47	21-72 (54 %)	1.669	.2087
TOT	.312	.255-.369 (18 %)	8932	8007-9753 (11 %)	320.778	.2336

CAUGHT AND CPUE TABLE

*** DAY ***

REGION :=3

LAKE :=WELDON SPRINGS

DISTRICT :=13

YEAR :=96

ACREAGE :=28

SAMPLING RATIO :=360/1476 = 44.7%

RATIO OF EFFORT HOURS INTERVIEWED := 8795/29763 = 29.55%

NUMBER OF INTERVIEWS: 3276

COMBINED ACROSS STRATA:

YEAR PERIOD 03/15 TO 04/08 OF SECTION 1
 YEAR PERIOD 04/09 TO 04/30 OF SECTION 1
 YEAR PERIOD 05/01 TO 05/31 OF SECTION 1
 YEAR PERIOD 06/01 TO 06/15 OF SECTION 1
 YEAR PERIOD 06/16 TO 08/31 OF SECTION 1
 YEAR PERIOD 09/01 TO 09/30 OF SECTION 1
 YEAR PERIOD 10/01 TO 10/31 OF SECTION 1
 YEAR PERIOD 11/01 TO 11/15 OF SECTION 1

MSC SPECIES CAUGHT:

BLG LMB CCF BLC R3F BLB GSF WHC FCF

SUBSTRATUM:

DAY PERIODS STRATIFIED

WEEKDAY/WEEKEND: WEEKDAY/WEEKEND STRATIFIED

FISHING TYPE: BOAT/SHORE STRATIFIED

FISH: CAUGHT

SPEC	#/HR	95% CI	# CAUGHT	95% CI	#/HA	#/ACRE
BRH	.007	+- .014 (103 %)	100	45-155 (55 %)	3.82	3.57
BRB	.000	(0 %)	3	(0 %)	.28	.12
CAP	.000	+- .000 (155 %)	5	+ -13 (145 %)	.47	.19
GOS	.000	+- .000 (220 %)	7	+ -24 (220 %)	.66	.27
G2S	.004	+- .011 (172 %)	108	+ -257 (138 %)	9.52	3.86
MSC	1.042	.861-1.224 (17 %)	37423	33841-41004 (10 %)	3302.50	1336.51
TOT	1.054	.868-1.239 (18 %)	37646	34054-41238 (10 %)	3322.25	1344.50

SPEC	KG/HR	95% CI	KG CAUGHT	95% CI	KG/HA	AVG WT(G)
BRH	.000	.000-.001 (90 %)	15	5-25 (66 %)	1.309	148.5
BRB	.000	(0 %)	2	(0 %)	.171	606.3
CAP	.000	+- .000 (145 %)		+ -1 (179 %)	.044	91.9
GOS	.000	+- .000 (220 %)		+ -.33445 (220 %)	.009	14.1
G2S	.000	+- .000 (101 %)	4	+ -9 (128 %)	.337	35.4
MSC	.141	.115-.167 (18 %)	4053	3612-4494 (11 %)	357.688	108.3
TOT	.142	.116-.167 (18 %)	4074	3632-4517 (11 %)	359.558	108.2

SPEC	LB/HR	95% CI	LB CAUGHT	95% CI	LB/ACRE	AVG WT(LB)
BRH	.001	.000-.002 (90 %)	33	11-54 (66 %)	1.168	.3274
BRB	.000	(0 %)	4	(0 %)	.152	1.3365
CAP	.000	+- .000 (145 %)	1	+ -3 (179 %)	.039	.2026
GOS	.000	+- .000 (220 %)		+ -.73734 (220 %)	.008	.0310
G2S	.000	+- .000 (101 %)	3	+ -19 (128 %)	.301	.0781
MSC	.310	.254-.367 (18 %)	8936	7964-9907 (11 %)	319.130	.2388
TOT	.312	.255-.369 (18 %)	8982	8007-9958 (11 %)	320.798	.2386

TABLE WELDON SPRINGS LAKE 1996 DAY CREEL FINAL REPORT
DAYTIME DATA FOR LAKE=WELDON SPRINGS CREEL BEGUN IN YEAR=96

SECTION 1 FROM 03/15 TO 04/08
SECTION 1 FROM 04/09 TO 04/30
SECTION 1 FROM 05/01 TO 05/31
SECTION 1 FROM 06/01 TO 06/15
SECTION 1 FROM 06/16 TO 08/31
SECTION 1 FROM 09/01 TO 09/30
SECTION 1 FROM 10/01 TO 10/31
SECTION 1 FROM 11/01 TO 11/15

HOURS PER COMPLETED TRIP:

	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
BOAT	3.1	2.9 - 3.3 (7%)	.6	11.1	311
SHORE	1.6	1.5 - 1.7 (7%)	.1	6.8	348
BOAT & SHORE	2.3	2.2 - 2.4 (6%)	.1	11.1	659

38 SAMPLES WERE FROM SPLIT INTERVIEWS OF COMPLETED TRIPS
21.3% OF ALL 3095 INTERVIEWS WERE COMPLETED TRIPS

SUPPLEMENTARY DATA:

QUESTION	MEAN	95% CONF. INTVL. OF MEAN	MIN.	MAX.	#SAMPLES
DISTANCE TRAVELLED N MILES	30	28 - 32 (7%)	0	900	2699
SUCCESS RATING 1-10?	3.5	3.4 - 3.6 (3%)	1	10	2341

IS CATCH ILLEGAL?

CLERK NOTED 6 OUT OF 3095 INTERVIEWS HAD ILLEGAL CATCHES

INTERVIEWS (AND %) PER SPECIES SOUGHT

ANY 1624 (52.5%)	LMB 456 (14.7%)
CRP 206 (6.7%)	BLG 377 (12.2%)
CCF 94 (3%)	BLC 3 (.1%)
CAT 310 (10%)	SUN 22 (.7%)
BLB 1 (0%)	RSF 2 (.1%)

PARTY SIZE VS. # INTERVIEWS

BOAT	SHORE
1 219	1 938
2 442	2 674
3 109	3 310
4 14	4 131
5 4	5 26
6	6 17
7	7 3
8	8 4
9	9 1
10+	10+ 3

